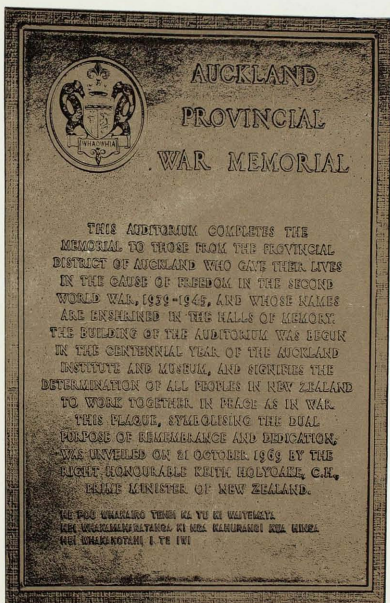


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AUCKLAND INSTITUTE AND MUSEUM

ANNUAL REPORT

1969-70

AIM Ann Report 1969 to 1970

Cover: Dedicatory plaque in the Auditorium, unveiled by the Prime Minister, The Rt Honourable Keith Holyoake, on 21st October, 1969
P. Brennan photo

*He pou whakairo tenei ka tu ki Waitemata
hei whakamaharatanga ki nga kahurangi kua hinga
hei whakakotahi i te iwi*

Let this sacred work standing by Waitemata
commemorate the fallen
and inspire all peoples to be one

AIM Ann Report
1969 to 1970

ANNUAL REPORT
AUCKLAND INSTITUTE
AND MUSEUM

1969-70

For presentation at the Annual General
Meeting to be held on 29th June, 1970

AIM Ann Report 1969 to 1970

Staff of the Museum

Director	E. G. TURBOTT, M.SC., F.M.A.N.Z.
Botanist and Assistant Director	R. C. COOPER, B.COM., M.A., PH.D., F.M.A.N.Z.
Ethnologist	D. R. SIMMONS, M.A.
E. Earle Vaile Archaeologist	JANET M. DAVIDSON, M.A.
Recorder (Ethnology)	K. PATRICIA PATERSON
Curator, Colonial Section	EDNA M. STEPHENSON
Hon. Botanist	LUCY CRANWELL SMITH, M.A., D.SC., F.L.S., F.R.S.N.Z.
Associate Botanists	JEANNE H. GOULDING PHYLLIS HYNES
Entomologist	K. A. J. WISE
Malacologist	W. O. CERNOHORSKY
Research Associate in Mollusca	A. W. B. POWELL, HON. D.SC., F.R.S.N.Z., F.M.A.N.Z.
Marine Biologist	A. B. STEPHENSON, B.SC.
Associate Ornithologist	H. R. MCKENZIE
Curator of Applied Arts	T. J. BAYLISS
Hon. Curator of English China	C. REGINALD FORD, F.R.I.B.A., F.R.G.S.
Librarian	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A.
Assistant Librarian	NOLA V. ARTHUR, N.Z.L.A. CERT.
Library Assistant	MARY BROADHEAD
Extension Service Officer	J. H. WADHAM, B.SC.
Planetarium Lecturer	R. A. MCINTOSH, F.R.A.S., F.R.A.S.N.Z.
Assistant Planetarium Lecturer	J. B. ORR
Preparator	L. J. CAPPEL, DIP. I.A.C. (AMST.)
Art Assistant	BETTY BROOKES
Education Officer	R. A. SCOBIE, M.A., F.M.A.N.Z.
Assistant Education Officers	B. H. CADMAN, B.A. A. F. van der MEIJDEN, M.A. (to December, 1969)
Artist-Technician (Education Section)	J. B. McCAW
Assistant Treasurer	THERESE B. WILSON, A.C.I.S.
Clerical Assistant	LYNNEITE PENNY
Shorthand-Typist	RENEE SHANNON
Typist-Telephonist	MARGARET WOOLLOXALL
Information Service	MYRA ALEXANDER (Shop Manager)
Supervisor	MARGARET M. BOND
Cabinetmaker	REBECCA TUMAHAI
Hand (Maintenance)	R. C. H. HENSEN
Cleaners	T. BOGDALSKI H. J. ROWE O. LEIPPER C. STEVENS

Coffee Lounge:

JOYCE CUNLIFFE (Manageress), MAY EICHLER (Assistant Manageress),
M. McSWEENEY, T. SCHMIDT.

Attendants:

K. L. MACK, B.E.M. (Senior), R. C. LLOYD, A. LOCK, I. M. McEVOY,
L. R. MURRAY, O. SATCHELL, R. W. SEMARK, E. SOUTHWORTH,
J. P. THOMSON, S. WEST.

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM

1969-70



President:

DR H. C. HOLLAND, O.B.E., F.R.I.C.

Vice Presidents:

MR J. H. ROSE, LL.B., MR JOHN SEABROOK, C.M.G., A.F.C.,
MR S. G. BROOKER, M.SC.

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F.R.S.N.Z.

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D.PHIL., F.R.S.N.Z.

DR. P. J. BROOK

Mr G. W. FRATER

LT.-COL. A. R. HUGHES, J.P.

DR. I. H. KAWHARU, B.SC., M.A.,
B.LITT., D.PHIL.

MR K. B. MYERS, M.B.E.

MR M. A. PATTISON, M.B.E.

MR D. B. ROBERTSON, M.B., B.S.,
F.R.C.S.

DR. E. H. ROCHE, M.C., M.D.,
F.R.A.C.P.

PROFESSOR E. J. SEARLE, D.SC.

MR R. B. SIBSON, E.D., M.A.

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MR R. H. L. FERGUSON, F.R.C.S., F.R.A.C.S.

MRS W. M. HOLLAND

MR W. M. TONGUE, J.P., E.D.

Representatives of Local Authorities:

MR B. C. ADAM, MR C. R. BACH, E.D., B.SC., MR H. E. CAMPIN,
J.P., MRS N. J. CANNING, J.P., MR W. N. HUTCHINSON, MR H. A.

JACKSON, MISS M. H. McCULLOCH, DIP.H.SC., MR J. G. MALE,
MR F. R. TREVARTHEN, J.F.

Trust Board:

MR KENNETH B. MYERS, M.B.E.
(Chairman)

SIR GILBERT ARCHEY, C.B.E.,
F.R.S.N.Z.

DR H. C. HOLLAND, O.B.E., F.R.I.C.

MR A. T. PYCROFT

MR J. H. ROSE, LL.B.

MR JOHN SEABROOK, C.M.G.,
A.F.C.

Representative on Member Bodies' Committee, Royal Society of New Zealand:

DR. P. J. BROOK

Director.

E. G. TURBOTT, M.SC., F.M.A.N.Z.

PRESIDENTS
OF THE
AUCKLAND INSTITUTE
AND MUSEUM



1867	F. Whitaker	1901	J. Stewart
1869	Hon. T. B. Gillies	1902	Dr. E. Robertson
1870	Rev. Dr. A. G. Purchas	1903	Professor A. P. W. Thomas
1871	T. Heale	1906	Professor F. D. Brown
1873	Hon. T. B. Gillies	1907	E. V. Miller
1874	Sir G. A. Arney	1909	Professor C. W. Egerton
1875	J. C. Firth	1910	Dr. R. Briffault
1876	Hon. T. B. Gillies	1911	J. H. Upton
1877	R. C. Barstow	1912	Professor H. W. Segar
1878	T. Heale	1913	C. J. Parr
1879	Rev. Dr. A. G. Purchas	1915	Hon. Sir E. Mitchelson
1881	T. Peacock	1917	J. H. Gunson
1882	E. A. MacKechnie	1926	H. E. Vaile
1883	Rt. Rev. Dr. W. G. Cowie	1931	Alfd. G. Lunn
1884	H. G. Seth Smith	1933	Professor H. W. Segar
1885	J. A. Pond	1934	Sir Cecil Leys
1886	Professor F. D. Brown	1935	A. T. Pycroft
1887	Professor A. P. W. Thomas	1936	Sir Carrick Robertson
1888	S. Percy Smith	1938	C. Reginald Ford
1889	J. Martin	1940	Dr. W. A. Fairclough
1890	J. Stewart	1942	A. H. Johnstone
1891	Professor F. D. Brown	1944	J. C. Rennie
1893	Professor C. A. M. Pond	1947	Hon. T. Bloodworth
1894	J. H. Upton	1949	F. L. G. West
1895	Professor A. P. W. Thomas	1952	Professor L. H. Briggs
1896	D. Petrie	1955	J. W. Kealy
1897	Dr. E. Robertson	1958	J. H. Rose
1898	Prof. H. A. Talbot-Tubbs	1961	John Seabrook
1899	J. Batger	1964	S. G. Brooker
1900	Professor H. W. Segar	1967	Dr. H. C. Holland



DIRECTOR EMERITUS

Sir Gilbert Archey, C.B.E., F.R.S.N.Z.

REPORTS TO MEMBERS

President

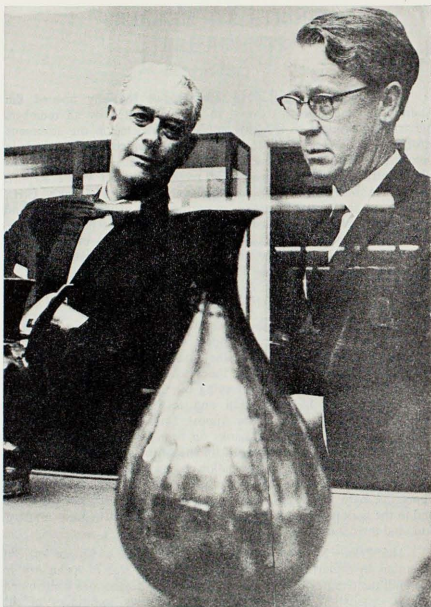
On Tuesday evening, 21st October, we formally opened the Auditorium, and with this event, so keenly awaited by all members and friends, brought to a highly successful conclusion the strenuous efforts of all responsible for the Appeal, which had opened in October 1966; our indebtedness to the many citizens and organisations who contributed so generously was recorded in last year's Report. The Prime Minister, the Right Honourable Keith Holyoake, C.H., was able to accept our invitation to perform the official opening, and I had much pleasure on this occasion in expressing before a large and distinguished gathering our very deep appreciation of the honour paid to our institution by the Prime Minister and Government. At the conclusion of his address the Prime Minister unveiled the dedicatory plaque commemorating both World Wars installed on the Auditorium wall immediately to the east of the main door.

Before the address by the Prime Minister, Mr John Seabrook, as Chairman of the Auditorium Appeal Citizens' Committee, handed over the Auditorium formally to the Auckland Institute and Museum and, in accepting it on behalf of the Museum Council, I was pleased to have the opportunity of conveying our deep debt of gratitude to Mr Seabrook for his leadership and to his Committee for their strenuous efforts throughout the Appeal. I again take the opportunity in this Report of expressing thanks on behalf of all members to Mr Seabrook, whose outstanding work for the Museum extends over many years, and includes close participation in most of its leading projects throughout that period. Members will wish to join in expressing appreciation to the Architect, Mr R. F. Draffin, and his associates and to the building contractors, Messrs Conway Construction Company Ltd, and their staff.

The Prime Minister also agreed to perform a further official ceremony by declaring open the newly completed Hall of Asian Art. In this Hall the Curator of Applied Arts, Mr T. J. Bayliss, has contributed a new installation incorporating modern display techniques of the highest standard, and one doing full credit to an important section of our collections of fine objects. Following a brief address in the Hall by the Prime Minister, guests were able to examine the new Hall, and discuss the collections with Mr Bayliss.

Guests at the function included Mayors and Chairmen of Local Authorities throughout the Auckland provincial area, and we were happy that so many of these representatives of Authorities making statutory or voluntary contributions to the Museum's support were able to be present on this occasion, and to see something of the progress made in the Museum halls.

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Hall of Asian Art — the Prime Minister, The Rt Honourable Keith Holyoake, and the Curator of Applied Arts, Mr T. J. Bayliss, at the opening on 21st October, 1969

N.Z. Herald photo

AIM Ann Report 1969 to 1970

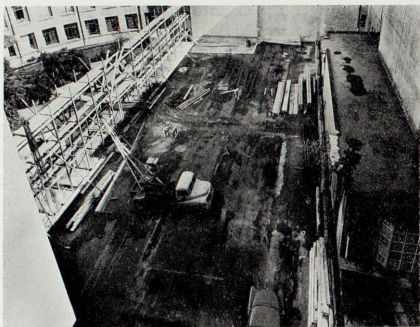
The Auditorium came into use for the first time on the occasion of a well attended lecture by the Director of the National Maritime Museum, Mr B. J. Greenhill, and this was followed by the last for the 1969 season in our regular Monday evening lecture series: by Miss Janet Davidson in the Cook Bicentenary series. The Auditorium was taxed to its fullest capacity when a public lecture entitled "The Exploration of Mars" was given on 24th November, under the auspices of the Institute and Museum, by Dr William H. Pickering, Director, Jet Propulsion Laboratory, California Institute of Technology; on this occasion intense public interest resulted in a record audience of 623, a few of whom had to be accommodated in the adjacent Supper Room. I am pleased to be able to report that since opening the Auditorium has attracted steady interest from kindred organisations, and it seems evident that as an amenity of value in the cultural and scientific life of Auckland, it is assured of regular use; a Booking Committee to control use of the Auditorium by outside bodies has been set up, and terms and conditions of hire for functions other than our regular Museum activities have been considered in detail by the Council.

Two further projects may be mentioned briefly: firstly, it was decided by Council when the final plans of the Auditorium were under consideration that the former Special Exhibition Hall, in the east wing, should be modified as a Children's Room seating 120 for regular class teaching and more informal children's and adults' activities — work on this project, except for certain installations to improve the hall acoustically, has now been completed.

The Council has also given continuous attention during the year to a second project which it is felt will provide a desirable service, as well as adding to our sources of revenue. This is the installation in the West Palm Court (adjacent to the Planetarium and opposite the Coffee Lounge) of adequate premises for a Museum Shop, to sell Museum publications, slides and postcards, Museum replicas and Maori and New Zealand crafts; the need for such a service has long been apparent and the present Information Desk has proved inadequate to deal with an ever-growing demand. As with the earlier installation of the Coffee Lounge, plans have been considered in detail and a design prepared by Mr R. F. Draffin has now been approved, and tenders obtained; it is hoped that the installation will be completed early in the coming financial year. In order to prepare for the establishment of the Shop, and to ensure that arrangements were made for stocking upon opening, Mrs M. W. Alexander was appointed to the post of Shop Manager in July.

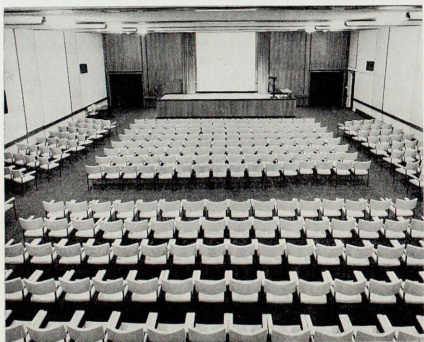
As in past years, we have been pleased to welcome other organisations to the Museum for formal functions or meetings. The Maori Court was made available to the New Zealand Society of Accountants for the President's reception held on 12th March, 1970, during the Society's National Convention. Meetings held in the Lecture Hall included the Annual Extension Course of the Auckland Head-

AIM Ann Report
1969 to 1970



Auditorium under construction, April 1969

Vahry photo



View of completed Auditorium

Vahry photo

masters' Association in April, and the Annual General Meeting of the Ornithological Society of New Zealand, in May.

On Sunday, 22nd March, a Memorial Service was held on the Court of Honour on the occasion of the National Reunion of the Returned Servicewomen's Association, the address being given by Barbara, Lady Freyberg. At the conclusion of the Service, Lady Freyberg placed a commemorative cross of poppies on the Shrine in the Second World War Hall of Memory.

Awards

Council had pleasure this year in extending its congratulations on honours awarded by Her Majesty the Queen to: Mr A. O. Glasse, O.B.E., on the award of C.M.G.; Mr John Seabrook, on the award of C.M.G.; Mr J. L. Wilson, on the award of O.B.E.; and Dr H. C. Holland, on the award of O.B.E.

Fellows elected this year by the Royal Society of New Zealand from amongst our membership were Mr J. D. Atkinson and Professor J. Morton, and on behalf of members I have pleasure in extending to both recipients our congratulations on this honour. In addition, the Society's Hamilton Memorial Prize was awarded to Dr Charmian O'Connor, the Prize being presented at our meeting on Monday, 13th October, to Dr O'Connor by Dr E. J. Godley on behalf of the Society's President and Council.

Council

An election for four Council members resulted in the re-election of the sitting members, Mr J. D. Atkinson, Lieut.-Colonel A. R. Hughes, Associate Professor E. J. Searle, and Mr R. B. Sibson. It is pleasing that these members will continue to serve the Museum.

I take this opportunity of tendering my congratulations to Lieut.-Colonel A. R. Hughes, who was elected by Council as President at its meeting on 25th March, 1970. Lieut.-Colonel Hughes, who will take office at the Annual General Meeting on 29th June, has served continuously on the Council since 1960, and as Chairman of the Conservation Committee since 1967, and members will join in wishing him an interesting and successful term in the Presidency.

Membership

The roll has changed as follows:

	As at 31/3/69	As at 31/3/70
Life Members	427	436
Annual Members	864	849
	<hr/> 1291	<hr/> 1285

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Obituary

The death of the following amongst our membership is recorded with regret: Mr F. Russell Baker, Mrs M. Brien, Mr N. P. Carless, Mr E. V. Dumbleton, Dr R. G. S. Ferguson, Mrs P. Harris, Mr J. A. B. Hellaby, Mr W. F. Jordan, Dr A. H. Kirker, Mr H. K. McLeod, Mr D. N. Martin, Mr J. T. Reilly, Mr C. J. Rogers, Captain F. W. Short, M.C., Mr R. H. Taigel, Mr N. R. W. Thomas, Mr R. F. Ward.

Mr J. A. B. Hellaby, who died on 26th April, 1969, had been a member since 1929 and had contributed most generously to special appeals for the work of the Museum on several occasions. All members will miss his interest and generous support of our work.

Captain F. W. Short, M.C., joined the Institute in 1938, and served as President of the Conchology Section; he continued until comparatively recently to take a close interest in the affairs of the Section. His notable record of war service included the South African War, as well as both World Wars. He joined the Regular British Army, being commissioned in the field and receiving the Military Cross shortly after the retreat from Mons; he served within New Zealand in World War II.

Mr N. R. W. Thomas, LL.B., N.D.H.(N.Z.), had been a Life Member since 1937, and was well known to many members as a regular attender at our lectures. He followed his father, the late Professor A. P. W. Thomas, in his keen horticultural interests, and amongst his numerous gifts to the archives held in our Library were a number of important documents relating to Professor Thomas' research and horticultural work.

Gifts

The Auckland Savings Bank Board of Trustees contributed an additional sum towards the Auditorium Appeal, which they had already, as mentioned last year, supported so generously: this was a grant of \$1500 to assist with the cost of floor covering and chairs. At the same time the Trustees responded to our request for assistance to purchase two microscopes for the Marine Biology Department, and to improve case lighting in the entomological displays, \$1000 being granted for these projects. Our thanks are expressed to the Board of Trustees for both grants, and our appreciation of their support and interest as in past years.

The Sir John Logan Campbell Trust has once again responded generously to our request for assistance with a major installation, on this occasion to enable us to begin work on the New Zealand Bird Hall. The project involves the transfer of displays from the present Hall, which was established in 1938, to the space reserved in the Second World War building, and the modification and reassembly of all displays, together with the installation of new diorama exhibits. A grant of \$2000 was made by the Trust in December, and I have

pleasure in conveying on behalf of all members to the Sir John Logan Campbell Trustees our deep appreciation of their further support of our work.

Further much appreciated funds have been received in the form of bequests: the sum of \$2007 under the will of the late Miss I. T. Stennett; \$50 bequeathed by the late Mr F. C. Blyth; \$200 by the late Mrs M. Brien; \$200 by the late Mr N. R. W. Thomas; and \$2000 by the late Mr J. A. B. Hellaby.

We also gratefully acknowledge monetary contributions received during the year from: Auckland Headmasters' Association, Auckland Studio Potters, Mr T. S. Bishop, Mr H. W. R. Black, Miss R. B. Hellaby, Miss W. Keller, Royal Australasian College of Surgeons, Whangarei Horticultural Society, and Mr J. R. Wyatt.

Local Authority Contributions

Metropolitan Statutory —

Auckland City	42,110.92
Birkenhead Borough	2,206.84
Devonport Borough	2,050.96
East Coast Bays Borough	3,090.39
Ellerslie Borough	1,394.39
Glen Eden Borough	970.33
Helensville Borough	172.62
Henderson Borough	1,001.67
Howick Borough	1,910.27
Manukau City	16,749.90
Mt Albert Borough	4,524.71
Mt Eden Borough	3,589.56
Mt Roskill Borough	6,587.02
Mt Wellington Borough	5,401.73
New Lynn Borough	1,844.99
Newmarket Borough	1,385.99
Northcote Borough	1,760.88
Onehunga Borough	3,661.42
One Tree Hill Borough	3,382.16
Otahuhu Borough	1,789.79
Papakura Borough	2,366.70
Papatoetoe City	3,396.81
Takapuna City	6,048.11
Waitemata County	15,272.13
	<hr/>
	\$132,670.29

Provincial: Statutory —

Hobson County	339.29
Hokianga County	63.38
Huntly Borough	393.22
Kaikohe Borough	44.03
Kaitia Borough	23.31
Kawakawa Town	13.70
Kawerau Borough	149.77
Mangonui County	62.94
Murupara Town	13.13
Ngaruawahia Borough	239.46
Opotiki Borough	14.22
Putaruru Borough	143.30
Rodney County	1,079.05

Rotorua City	1,029.68
Taumarunui Borough	85.77
Taupo Borough	73.12
Te Kuiti Borough	119.82
Waiheke County	168.47
Waiuku Borough	287.88
Warkworth Town	171.02
Whakatane Borough	119.31
Whangarei City	2,163.57
Whangaroa County	32.27
	<hr/>
	\$6,829.71

Provincial: Voluntary —

Cambridge Borough	50.00
Coromandel County	25.00
Franklin County	1,000.00
Hauraki Plains County	90.00
Matamata County	1,000.00
Morrinsville Borough	32.00
Opotiki County	10.00
Otamatea County	100.00
Otorohanga Borough	50.00
Paeroa Borough	50.00
Pukekohe Borough	200.00
Raglan County	100.00
Rotorua County	300.00
Taumarunui County	50.00
Tauranga City	200.00
Tauranga County	100.00
Te Puke Borough	40.00
Thames Borough	60.00
Tuakau Borough	80.00
Waihi Borough	100.00
Waikato County	200.00
Waipa County	100.00
Waipomo County	130.00
Whakatane County	170.00
Whangarei County	240.00
	<hr/>
	\$4,477.00

R.S.N.Z. Captain James Cook Fellow

The Fellowship, as will be remembered, was established by the New Zealand Government to mark the Bicentenary by perpetuating "Captain Cook's spirit of scientific enquiry and exploration in the New Zealand and South-West Pacific area". The Selection Board

AIM Ann Report 1969 to 1970

set up by the Government is representative of the Royal Society of New Zealand, the Universities' Vice-Chancellors and the National Research Advisory Council.

It was with much pleasure that Council learnt of the selection as the first Cook Fellow of Dr Roger C. Green, of the Department of Anthropology, Bishop Museum, Honolulu, who had nominated the Auckland Institute and Museum as his sponsoring body.

Dr Green, who first came from the United States to New Zealand as a Fulbright Scholar in 1958, taught as Senior Lecturer and later Associate Professor in the Anthropology Department, University of Auckland, up to 1967; he will now — working from the Museum — undertake archaeological research in the south-east Solomon Islands, possibly later extending his work to Eastern Micronesia and the Tongan group. Fellows are appointed for two years, extendable to three.

Dr Green's term as Cook Fellow will mean that he will be able to have useful discussions with our staff, and especially with Miss Davidson, who last year collaborated with Dr Green in the editing of our Bulletin No. 6, "Archaeology in Western Samoa" (Vol. 1). Dr Green will work on our anthropological collection, and we are glad to know that much of the literature required by Dr Green will be available in the library.

Cook Bicentenary Celebrations

The Cook Bicentenary lectures forming this year's Monday night series are referred to elsewhere in the Report and will not be mentioned in detail, except to say that much interest was shown and excellent attendances of our members attracted. On the occasion of the lecture by Dr E. J. Godley on Cook's botanists — also the Cheeseman Memorial Lecture — an extensive series of prints from the Banks and Solander botanical engravings in the possession of the Museum were placed on exhibition by Dr Cooper, and were subsequently on public view in the Exhibition Hall.

From 22nd November to 7th December we showed in the Maori Hall East the National Cook Bicentenary Exhibition, sponsored by the Art Galleries and Museums Association of New Zealand and organised on behalf of the Association by Dr Roger Duff. The exhibition, comprising 173 early Polynesian artifacts from New Zealand collections and from the National Ethnographic Museum, Stockholm, was perhaps the finest ever assembled of material obtained during or contemporary with Cook's First and Second Voyages; the souvenir Handbook prepared by Dr Duff entitled "No Sort of Iron", added greatly to the value of the display. Dr I. H. Kawharu was the speaker at our official opening on 21st November.

Our staff was well represented in the 1969 Royal Society of New Zealand Cook Bicentenary Expedition, both Miss Davidson and Mr Wise being chosen to participate. The work carried out is described in detail in their respective reports: Miss Davidson carried out

archaeological surveys on the Vava'u group, Tonga, and Mr Wise a field project on the insects of the Cook Group, as well as trapping air-borne insects at sea.

Finally, our Council agreed to a suggestion by the Royal Society of New Zealand that funds should be contributed by all bodies participating in the Cook Bicentenary Expedition to provide for a Cook Bicentenary Travel Scholarship, under which one Cook Islander and one Tongan will visit New Zealand to receive training in 1970.

Progress in Museum

Our Council and members will gladly join with me in recording our appreciation of the excellent progress continuing to be made in all sections of the work of the Museum. It is pleasing especially to note that new displays continue to be developed: as mentioned above, the Hall of Asian Art was opened together with the Auditorium in October, while a second new hall — the Hall of Man — was completed through the joint efforts of Mr Simmons, Mrs Brookes and Miss Bertrand in December; earlier the new insect section of the Natural History Gallery (including the full Hemingway Collection of foreign insects) was opened, this work requiring the attention of Mr Wise, in co-operation with Mr Cappel. A start has now been made on the New Zealand Bird Hall, and we look forward to seeing good progress in this project in the coming year.

I conclude with much pleasure by extending the compliments of members to the Director, Mr Turbott, and his staff on the progress achieved over the past year.

H. C. HOLLAND

Chairman of the Trust Board

Improvements to the properties administered by the Board have been completed as far as possible, and maintenance attended to; in both cases the Board's appreciation is expressed to the Supervisor, Mr Hensen, who has attended to the work required.

The Board continues to investigate the matter of a more beneficial means of investing the Vaile endowment funds, using the extended powers of investment granted last year, and it is hoped that a substantial improvement in income will result.

Investment funds total \$394,747.

With the opening of the Auditorium in October, 1969, and subsequent development of the Children's Room and other facilities in the Auditorium complex, the Auditorium Fund has nearly all been expended, and the value of the installations transferred to the Capital account. The Board joins all members in conveying appreciation to the Auditorium Appeal Citizens' Committee, and to its Chairman, Mr John Seabrook, on this highly successful outcome of the project and of the efforts made by all who participated in the Appeal.

KENNETH B. MYERS

Director

Institute Lectures

The year's syllabus, as mentioned by Dr Holland in his report above, was arranged round the theme of the Cook Bicentenary, and it is believed that members appreciated the opportunity to participate in a connected series of this kind: attendances throughout were good, reflecting strong interest in the series. Thanks are tendered to the lecturers who took part in the programme as follows: Mr Andrew Sharp, "Cook, the Pacific Discoverer"; Commander W. J. L. Smith, "Cook as Navigator and Mapmaker"; Mr G. H. Brown, "Artists of Cook's Voyages"; Professor M. K. Joseph, "England in the 1760's"; Mr E. G. Turbott, "Birds of Cook's Voyages"; Dr W. E. Henley, "Medical Aspects of Cook's Voyages"; Dr E. J. Godley, "Cook's Botanists and the Early Development of New Zealand Botany"; Miss Janet Davidson, "Cook's Observations and Theories about Pacific Peoples". The lecture by Dr Godley was also the first of the Cheeseman Memorial Lecture series; it is intended to hold these lectures at intervals, as a means of commemorating the noteworthy contribution of the late Thomas Frederick Cheeseman to New Zealand botany.

The opportunity was also appreciated this year to arrange two special public lectures. Mr B. J. Greenhill, C.M.G., Director of the National Maritime Museum, Greenwich, lectured on 23rd October on "James Cook: the Exhibits at Greenwich"; Mr Greenhill was in New Zealand to participate in the Cook Bicentenary Celebrations under the sponsorship of the British Council, and his lecture was of special interest to members in view of the Cook Bicentenary series. There was an excellent attendance at the lecture, almost filling the new Auditorium, the audience including a number of members of the Auckland Maritime Society.

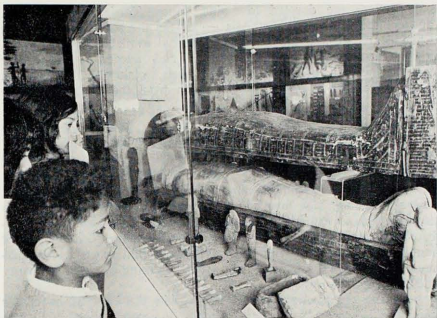
On 24th November Dr William H. Pickering, of the Jet Propulsion Laboratory, California Institute of Technology, lectured in the Auditorium following our invitation to speak during his brief visit to New Zealand. A large and enthusiastic audience heard Dr Pickering speak on "The Exploration of Mars".

We also undertook to arrange a lecture for scientists and others associated with or closely interested in space research by U.S. Astronaut Walter Cunningham, who visited Auckland on 13th May, 1969; a good audience of 370 accepted invitations to the address which was held in the Lecture Hall.

The Sunday Afternoon Lectures were again held, details being given by Mr Wadham below.

Display Installations

Two main projects were already well in hand at the time of last year's Report, the Hall of Asian Art and Hall of Man : contin-



Hall of Man — looking at the Egyptian Mummy

Auckland Star photo

tinuous and very often strenuous efforts were necessary on the part of all to bring these to completion within the current year. In particular, Mr Bayliss, assisted by Mr Bogdalski, spared no effort to ensure that the Asian Hall would be ready for the formal opening by the Prime Minister on 21st October. Details of the two installations are included respectively by Mr Bayliss and Mr Simmons in their own reports, while an outline of plans for the Halls was also given last year; the following brief commentary is given to provide an overall summary of the work undertaken in preparing the Halls. Incidentally, it will be remembered that the two Halls together incorporate sections included in the old "Hall of Anthropology".

The Hall of Asian Art occupies the whole of the former Anthropology Hall: the collections originally built up as the result of early important contributions, and especially through the efforts of the late Captain G. A. Humphreys-Davies, followed by many recent purchases, are now of major importance — and will continue to be enriched as the result of the Disney Art Trust purchases, and additions to the MacKelvie Trust series — and in his brilliantly executed plan for the Hall, Mr Bayliss does full justice to, and shows to the best advantage this extremely fine material. By means of a skilful modification of the standard pier-cases and re-arrangement of the central free-standing cases, as described last year, he has achieved a spaciousness and coherence adding greatly to the attraction of the Hall.

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Sections are devoted to China, Japan, Persia, Turkey, India and countries of South-East Asia — by far the strongest is that on Chinese arts — and the wealth of material available has enabled a logical arrangement to be attained, and adequate comparative material included for each group. The labels are skilfully designed and placed to ensure avoiding any detracting from the visual excellence of the material.

The plan for the Hall incorporated curtaining to reduce excessive light from the front windows, together with carefully designed artificial lighting; the old floor-covering, dating back to the Museum's opening in 1929, was replaced with pale grey Vynatred.

A key to geographical sections is seen immediately on entering, and sections are also labelled clearly enabling the visitor to move from section to section when examining the Hall. It will be remembered that a bequest by Captain Humphreys-Davies provided for handbooks to describe and record the collection when it was permanently arranged, and Mr Bayliss is now working on an introductory handbook for the Hall.

In the organisation of the displays in the Hall of Man, Mr Simmons — who worked throughout in co-operation with Mrs Brookes and Miss Bertrand — planned an introductory Hall, dealing in the broadest possible terms with human cultures and civilisations: the themes explained are "Man and His Environment" and "Pre-history and the Development of Civilisation". Drastic selection of the available material was required, in view of the themes covered, and this even meant that the range of material formerly shown had to be reduced in some sections; the displays in the former Hall on Man's origin were re-modelled. At the same time, as in the Hall of Asian Art, it was possible to incorporate much material recently acquired and not yet displayed, while a new case on early Polynesian settlement of New Zealand was included, and links the hall with the Maori Halls and Court. A full and detailed reassessment of the Museum's holdings was, in fact, the main preliminary to the establishment of both the Hall of Asian Art and the Hall of Man.

As mentioned in last year's report, the installation of these two Halls was possible largely through funds for the improvement of displays granted by the Sir John Logan Campbell Trust.

A further installation this year was due to Mr Wise and Mr Cappel — the exhibition, after some years during which the material has remained in storage, of almost the full set of W. H. Hemingway foreign insects. The collection comprises 45 boxes of especially noteworthy or colourful insects of many lands, all collected by the late Mr W. H. Hemingway, Honorary Entomologist on the staff of the Museum from 1937 to 1943; it was presented by Mrs Hemingway in 1943. The displays occupy the centre portion of the Natural History cross gallery (First Floor); in addition to the Hemingway foreign series, the former New Zealand insect life history panels have been effectively re-grouped in one of the cases in the gallery, with new

general labels and additional panels. A grant from the Auckland Savings Bank enabled adequate case lighting to be installed in these displays.

At the same time Mr Cappel installed new case lighting in the habitat groups of foreign mammals which had been temporarily off exhibition, enabling the west end of the cross gallery to be opened and the whole gallery thus made available for through traffic. Later, an introductory series of foreign mammals (and mammals introduced to New Zealand) will be added in this section.

Finally, this year has seen the first stages of installation of the new Hall of New Zealand Birds; a grant to enable the work to be started has been received from the Sir John Logan Campbell Trust (see the President's report), and one of the modified diorama groups — Wandering Albatross — is in position. The plans for the Hall have been prepared by the Director, in co-operation with Mr Cappel.

Special Exhibitions and Festival Tours

Our main activity was the staging of the National Cook Bicentenary Exhibition, which we received on circuit for the period 22nd November — 7th December. In addition, a selection of the Museum's holdings of Banks and Solander botanical plates was arranged by Dr Cooper, with the assistance of Miss Goulding and Mrs Hynes, to coincide with Dr Godley's lecture in the Bicentenary series, and this continued on public exhibition for the following two weeks. Details of these Bicentenary exhibitions are given in the President's report, above.

The Tenth Auckland Science Exhibition, held in the Lecture Hall during the second term vacation (22nd August — 1st September) as in previous years again attracted much attention, with excellent attendances. The Exhibition was opened by Mr S. G. Brooker at a function on 21st August in the Maori Court.

It will be noted that with the installation of the Auditorium, the former Lecture Hall became available for use specifically for exhibitions — whether our own exhibitions or those arranged by kindred organisations. This year two exhibitions by outside bodies were held; the first, arranged by the Handweavers' Guild, was shown from 29th May to 4th June, 1969, while the New Zealand Society of Potters' 13th Annual Exhibition occupied the Hall from 16th to 30th November. The opportunity to set up the latter Exhibition at greater leisure than on previous occasions, when exhibition dates have necessarily been controlled by lecture commitments in the Hall, was greatly appreciated by the Society's exhibition organisers.

In view of the urgent programmes in hand in the public galleries we decided not to contribute a special Festival exhibition as in past years: instead we arranged a programme entitled "Viewings of Two New Halls", comprising guided tours of the newly completed

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Hall of Asian Art and Hall of Man. The programme consisted of daily tours at lunchtime (1-2) on weekdays except Wednesdays, and an evening talk and tour every Wednesday. The tours were guided by Mr Bayliss (Hall of Asian Art) and Mr Simmons (Hall of Man); very satisfactory attendances were attracted and it was of especial interest that the evening sessions in the Halls were enthusiastically received.

We were fortunate also on the occasion of the Festival in that Mr George A. Wooller lent the sculpture "Golden Honeycomb" by Michael Ayrton for exhibition in our new Recent Accessions Case. Examples from the collections of bronzes made by the ancient "lost wax" technique were arranged for exhibition with the sculpture by Mr Bayliss, the display attracting continuous interest throughout the Festival.

Finally Mr Bayliss as mentioned in his own report arranged the ceramics section of the national circulating exhibition "New Zealand Visual Arts of the 1960's" set up under the sponsorship of the Queen Elizabeth II Arts Council for the Royal visit in March. A descriptive catalogue accompanied the Exhibition, and this included a ceramics section written by Mr Bayliss.

Staff

Mrs B. R. Blow resigned as Clerical Assistant in December, 1969, the position being filled by Mrs L. Penny, while the position of Library Assistant rendered vacant through the resignation of Miss L. Frost to go overseas was filled by the appointment of Miss M. Broadhead. Mrs D. J. Beavis, who was appointed as Information Desk Assistant and Typist in 1959 resigned in February, 1970; her position as Information Desk Assistant was taken by Miss R. Tumahai.

An appointment to the School Service staff was necessary following the resignation of Mr A. F. van der Meijden to take up a lectureship at Palmerston North Teachers College in December, 1969, and we were pleased to receive word of the appointment as Assistant Education Officer of Miss A. Leahy (effective from 25th May, 1970). The Education Board were fortunately able to provide a relieving assistant to cover the long period before another appointment could be made, Mr C. A. Jamieson joining the staff in this capacity.

Visiting Personnel

Mrs E. A. Punsalan, Supervisor of Art Education in the State city schools of Manila, visited us for four days in February during a tour of New Zealand museums and art galleries as a guest of the Government, holding useful discussions both with members of the School Service and of the staff. Mrs Punsalan came to New Zealand as the first holder of a Scholarship for study within New Zealand set up by the Government as one of the New Zealand contributions

to the Cultural and Social Centre of the Asian and Pacific Council (ASPAC).

We were also pleased to welcome Mr Pauliasi Ledua, assistant at the Fiji Museum, Suva, who joined the staff temporarily for seven weeks as the holder of an Art Galleries and Museums Association of New Zealand study grant. After Mr Ledua's stay during which he assisted in display and general duties and discussed aspects of museum work widely with members of the staff, he made a brief tour of museums in other centres.

Attendances

The sustained increase in total attendances mentioned last year has continued, the total this year being 455,023 (1968 : 403,645; 1969: 439,379). High attendances, as mentioned above, were again attracted by the Auckland Science Exhibition, the total over the ten-day period being 26,220.

Publications

This year's issue of the *Records* (Vol. 7: 31st March 1970) contained the following :

- "Survey of archaeological sites on Motutapu Island, New Zealand", by Janet M. Davidson.
- "Excavations at the 'Sunde site', N38/24, Motutapu Island, New Zealand", by Stuart D. Scott.
- "Excavation of an 'undefended' site, N38/37, on Motutapu Island, New Zealand", by Janet M. Davidson.
- "Excavations at site N38/30, Motutapu Island, New Zealand", by Anne Leahy.
- "Analysis of midden from two sites on Motutapu Island, New Zealand", by Jan Allo.
- "A Maori pit site, N42/114, in Parnell, New Zealand", by R. Garry Law.
- "Salvage excavations at Hamlins Hill, N42/137, Auckland, New Zealand", by Janet M. Davidson.
- "John Edgerley, Botanist, in New Zealand", by R. C. Cooper.
- "*Pittosporum bracteolatum* Endl. (Pittosporaceae) from Norfolk Island", by R. C. Cooper.
- "Identification of Passionflowers in New Zealand (Dicotyledones: Passifloraceae)", by B. R. Young.
- "Palau cave paintings on Aulong Island", by D. R. Simmons.
- "The littoral marine molluscs of Niue Island", by W. O. Cernohorsky.
- "The taxonomy of some austral-neozelanic Cymatiidae (Mollusca: Gastropoda)", by W. O. Cernohorsky.
- "*Ebalia tuberculosa* (Oxystomata: Leucosiidae); two further records for New Zealand waters", by A. B. Stephenson.

"Some new records of fish in New Zealand waters", by A. B. Stephenson.

"Trichoptera of New Zealand. II The present status of R. J. Tillyard's species of New Zealand Trichoptera, with notes on the type specimens", by K. A. J. Wise.

"On the terrestrial invertebrate fauna of White Island, New Zealand", by K. A. J. Wise.

E. G. TURBOTT

Anthropology and Maori Studies Section

During a discussion on attendances at the monthly meetings, Sir Gilbert Archey expressed the opinion that a small group of interested people willing to question speakers or elaborate on the subject contributed more to the success of a meeting than a large silent audience. With smaller attendances due not so much to the lack of members as to counter attractions, the truth of Sir Gilbert's statement has been proved many times.

A typical example was the July meeting, when Mr Wikiriwhi, Senior Welfare Officer in the Department of Maori Affairs, explained to the Section the "Role of the Maori Warden". Practically all present questioned the speaker on some aspect of the subject, so that we came away with a knowledge of the unique discretionary powers given to Maori wardens under the Maori Welfare Act, 1962, and a greater appreciation of the part played by these voluntary workers, not just in Maori communities but amongst their people in the cities.

The most popular meeting of the year was a film evening at which Professor Piddington introduced Mr Roger Sandall, Film Officer for the Australian Institute of Aboriginal Studies in Canberra. Mr Sandall showed two 16mm colour films of Aboriginal rites and ceremonies which enthralled the large audience, not just for their scientific interest but for the excellence of their photography and editing.

Other lectures were: "Maori Musical Instruments," by Dr M. McLean; "Witches, Ghosts and Demons," by Mr G. Jackson; "New Development in Old World Archaeology," by Mr W. Shawcross, and "Research into Crime by Pacific Islanders in Auckland," by Mr L. Duncan.

The officers of the Section for 1969 were: Patron, Mr V. F. Fisher; Chairman, Miss J. Davidson; Secretary, Miss R. Rowley; Treasurer, Mr J. T. Diamond; Committee, Professor R. Piddington, Dr A. Hooper, Dr S. Mead, Miss I. Hamilton, Messrs E. Grimes, B. Pierce, R. Scobie and D. Simmons.

J. T. DIAMOND

Astronomical Section

The membership of the Auckland Astronomical Society (also Astronomical Section of the Institute) has increased to a total of around 200, including a junior section of over 50. Interest has been given a lift by the introduction of astronomy into the post-primary and intermediate schools this year.

Public and group nights held every Tuesday and Wednesday of each week are showing marked increases in attendance. Classes in junior astronomy have been held in the last term of last year and the first term this year with a roll of around 150.

A two year certificate course in advanced astronomy on behalf of the Auckland University Extension is now in its second year.

The trend has changed very significantly: most of our members are keen to learn how to observe in planned programmes, whereas a few years ago the majority were what we generally called "armchair astronomers".

The observatory was opened three years ago to act as a centre for astronomical knowledge in Auckland, and this last year has seen an overall increase in interest stimulated largely by the observatory and its activities.

The officers for the year 1970 are as follows: President, A. S. Partridge B.Sc.; Vice-President, W. S. G. Walker; Secretary, Mrs P. Dale; Treasurer, Mrs G. Goldsworthy; Librarian, Mrs J. Sale; Editor, Mr A. Messenger; Curator of Instruments, Mr H. Williams.

A. S. PARTRIDGE

Conchology Section

Steady progress would once more appear to be the keynote of the year's activities. Monthly meetings and field days continue to be well attended, and we have once more enjoyed the privilege of having acknowledged leaders in their fields to speak to our meetings. Here our grateful thanks are due to Museum, University and other experts.

The continuing attendance of younger members of the Section to all gatherings is heartening and encouraging to older members, who are ever ready to help and foster the interest of the juniors. Inevitably the ranks of the veterans are thinning as the years pass, and we record with sorrow the deaths of three senior members during this past year.

Section membership appears stabilised at some 210 persons following a predictable drop eighteen months or so ago. This appears to be a cyclic phenomenon which has occurred several times in the Section's history.

Members are very consciously aware of the sterling achievements of Mr S. Ayling during his term of office as President, and duly record their gratitude to him.

At the same time we endorse our thanks to Mr Cernohorsky and Dr Powell for their continuing support and co-operation in all our

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activities; also for their generosity in making numerous museum facilities available to the Section.

Since his appointment as Librarian, Mr J. Walker has made considerable improvements to this Section amenity, and all titles are now listed and conveniently arranged. Mr Walker has also recently taken over the editing and production of the monthly Newsletter — the value of this “new look” publication is evidenced by its popularity.

The quarterly publication “Poirieria” continues from strength to strength, occasioning much favourable comment both in New Zealand and overseas. This success is due largely to regular contributors, but in the main to the prodigious efforts of the co-editors, Mr and Mrs N. Gardner, and their band of helpers, in regularly presenting the journal; all members cannot help but be gratefully aware of the amount of work this entails for their benefit.

The President of the Section is Mr P. Warren, while the Secretary is Mrs D. Hole, Titirangi.

T. P. WARREN

Maritime Section

The Auckland Maritime Society (also Maritime Section) currently has a membership of 175, and a pleasing feature of the present strength is the much higher proportion of junior members coming forward for enrolment. The Committee have endeavoured to provide varied and interesting topics for the entertainment of members during the past year.

A popular feature has been the reintroduction of visits to selected cargo vessels on Saturday mornings, when these can be arranged. Ironically enough, one of the most outstanding of these visits was to the unfortunate “Wainui”, just before the protracted labour dispute began. The visiting party were warmly welcomed by the ship's officers and crew, treated to a lavish morning tea, and then taken on a most extensive tour over the whole ship, lasting several hours. The Society is most grateful to the Union Steam Ship Company and to the “Wainui's” people for the wonderful reception given to us on this occasion.

We also owe a debt of gratitude to Mr R. E. Hann, of Christchurch, for his assistance in securing many old postcards and photographs of historical value. Mr Hann collects these items from various generous donors and passes them on to the Society for preservation and safe keeping. Early in the year it was decided to commence a collection of cap badges from individuals and from shipping companies — past and present — engaged in the New Zealand trade. The response has been most gratifying, and it is hoped we will be able to present these badges to the Museum in the near future. They will be appropriately mounted and suitable for exhibition in the Maritime Hall. A red ensign and a Richardson Company

house flag flown by the "Kopara" when last on New Zealand articles, have also been received.

Members have been supplied with black and white plastic name badges where requested, the Society subsidising the modest cost. A launch was chartered to convey members down harbour to farewell the "Rangitoto" when she left Auckland for the last time in June, and another trip was arranged to meet the I.N.S. "Delhi" (ex H.M.N.Z.S. "Achilles") when she arrived at Auckland in October.

On Saturday, 7th March, 31 people embarked in the "Rotoiti" for the Society's annual weekend cruise. Despite unpleasant weather at the outset, the trip was interesting and enjoyable. After calling at Tiri for lunch, the party entered Mahurangi Harbour and later proceeded up the river with the tide to Warkworth, to stay the night at the Warkworth Hotel and Bridge House. During the evening our members were the guests of the Wainui Historical Society, who kindly arranged an address on Mahurangi's history for us by Mr H. J. Keys, followed by sound-slides presented by Mr and Mrs T. O'Rourke. The following morning the cruise continued up the coast as far as Takatu Point to visit the hulk of the trawler "Humphrey", before crossing to Kawau near Vivian Bay, and thence to North Harbour. After a lunch stop at Lidgards' in the Bon Accord, the launch left for Auckland, proceeding down the coast close in to the Eastern Bays, to arrive back in Auckland at 5.15 p.m. A launch was also chartered to meet the Royal Yacht "Britannia" on 24th March, and a similar trip was arranged for the arrival of the "Esmeralda" in May.

During the year the Society lost two valued members through the deaths of Captain David Burgess (a former Patron of the Society) and Mr F. Collier. The latter made a generous bequest of his collection of books, ship models and pictures to the Society. This collection is presently being sorted and appraised, and suitable items will be presented to the Museum in due course. It is hoped to make a selection of books available to members in the form of a lending library in the near future. Mr Laxon's new book "Steam on the Manukau" was published some months ago, and is a valuable contribution to local maritime history.

The annual quiz evening was held in August, and proved to be an enjoyable feature, attracting a larger audience than formerly. Some interesting talks during the year included "Ships on Stamps", by Mr A. Thompson, "Current Port Development at Auckland", by Mr R. A. Smith, of the Auckland Harbour Board, and a feature on the Japanese log trade out of Tauranga by Mr D. Brigham. A forum on Captain Cook's Bicentenary included some excellent colour slides of the "Endeavour" replica, taken by Mr C. W. Hawkins. Members also attended the outstanding lecture on the Cook relics in the National Maritime Museum at Greenwich, given by Mr Basil Greenhill at the Museum.

The present Chairman of the Society is Mr R. M. Watt, with Mr C. A. Furniss as Secretary/Treasurer, and the other members of the

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Committee are Messrs N. A. Maffey, W. A. Laxon, A. Thompson, D. Brigham, R. A. Carpenter and F. K. Slattery.

(The Society meets on the fourth Thursday of each month in the Auckland Harbour Board Staff Association's rooms on the top floor of the Port Building, in Quay Street, at 7.45 p.m.)

R. M. WATT

Botanist and Assistant Director

Mrs P. Hynes and Miss J. H. Goulding have continued to mount, sort and lay in new specimens, prepare duplicates for exchange, answer enquiries and assist visitors. For some time past Mrs Hynes has been processing a large collection of dried plants from the Hen and Chickens Islands, Mokohinau Island, Poor Knights Islands and South Island, presented by Miss B. Parris. Miss Goulding has studied the Banks and Solander illustrations of New Zealand plants and, with Mrs Hynes and the writer, has resolved a number of doubtful identifications.

Some of the Banks and Solander illustrations were lent to the Librarian, H. B. Williams Memorial Library, Gisborne, for the Cook Bicentenary celebrations in August 1969, and others were displayed in an exhibition at the Auckland Savings Bank in October 1969. About 80 were framed and hung at the Museum on the occasion of Dr Godley's lecture to the Institute on "Cook's Botanists and the Early Development of New Zealand Botany". We are indebted to the Auckland City Art Gallery for the loan of frames.

Botanical papers on John Edgerley and a *Pittosporum* from Norfolk Island were published in Volume 7 of the *Museum Records*. Other activities included an excursion to Whangarei in May 1969 to discuss staffing with the Museum Committee of the Whangarei City Council, another visit in June to lecture to the Whangarei Branch of the Royal N.Z. Institute of Horticulture, and a trip further north, in March 1970, with Mrs Cooper and Mrs E. M. Stephenson, to attend the opening of the Wagener Museum at Houhora.

R. C. COOPER

Ethnologist

The Hall of Man required continuous attention throughout the year, and its completion in December was due very largely to exceptional efforts to finish the installations made by both Mrs Brookes and Miss Bertrand. Much help was also given at various stages by Mr T. Bogdalski and Mr H. Rowe.

Now that the Hall has been completed a brief description may be given of some details of the installation. The displays are housed in front-opening permanent cases arranged in alternating bays; the cases are top lighted, the light boxes being provided on the underside

with opaque perspex diffusers and on the top side with tinted glass to illuminate the series of murals — in the pier cases no above case light is required.

The Hall has been organised round a thematic approach, the use or control by Man of his environment. On the west side this is illustrated from ethnographic material. In the first bay, hunting and gathering comprising coastal forest hunting in early New Zealand; hot desert hunters — the Australian aborigine; cold desert hunters — the Eskimo; hunters predatory on one life form — Sioux Indians. In the second bay a predatory sea group, the North-West coast Indians; herdsmen of Africa — the Zulu; slash and burn agriculture — the Dyak. In the third bay are illustrated groups which developed a sedentary community based on farming, the pueblo, West African and South-East Asian city cultures.

On the east side of the Hall paralleling the ethnographic groups are displays illustrating the origin of man, and the hunting cultures of the paleolithic and mesolithic, followed by the development of agriculture, the origin of Sumerian civilisation and the spread of agriculture to Europe. The other centres of civilisation, Nile Valley, Indus Valley, Hwangho Valley and Central America, are then illustrated. The Museum is fortunate in having good collections of Mesopotamian and Central American material and lesser groups from Egypt and China, but the Indus — in which collections were practically non-existent — was illustrated mainly by wash drawing. The final display in the Hall deals with Greece and Rome as the immediate origins of Western civilisation.

A special provision for the school classes who will be using the Hall regularly is the shelf below the glass front at a convenient height for resting paper or books when note taking. A feature of the Hall is the main label for each case; this states why the culture is chosen and what it illustrates; here a bold Roman style has been used by Miss Bertrand, and this ensures that even the more lengthy labels are read with ease. Two central thematic labels entitled "Man and His Environment" and "Pre-history and the Development of Civilisation" are shown in light boxes, Letraset being affixed in these labels to a transparent paper base mounted on glass.

Conservation

Mrs Paterson, with her various voluntary helpers, has completed treatment of nearly all the objects on display. This includes all the material sorted for possible inclusion in the Hall of Man display. The treatments given, although often merely first aid, will certainly help in preventing or halting insect and fungus attack, and in strengthening weakened objects. The displays in all sections have been much improved with cleaning and conservation; however, much material in the research collections has barely been touched, and this now awaits attention. Unfortunately some pieces are beyond the capabilities of our present conservation facilities.

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Hall of Man — Mr D. R. Simmons lecturing in the Hall during the lunchtime Festival tour series, March 1970

P. Brennan photo

Local Museums

Further visits have been made to ensure that co-operation is maintained as local museums have been developed. This has included the loan of material and suggestions on display methods and themes, while the local knowledge developing as the result of local museum activities has in turn often greatly assisted in research.

Cook Bicentenary

At the invitation of the NZBC I took part in the national Cook Bicentenary lecture series: these were held in the Wellington Town Hall and broadcast over national radio, my own contribution on "Cook and the Maori of New Zealand" being given on 2nd December.

Notable Accessions

Outstanding this year are —

The Troy family, collection of localised Chatham Islands artifacts and photographs (40 items); Mr A. H. Watt, localised material from the Far North (20 items); Mr J. Hicks, Sepik River material from New Guinea (55 items); Mr J. Bracegirdle, Sepik material (14 items); Miss L. Burke, Kaironk Valley, New Guinea (28 pieces); Dr and Mrs R. N. H. Bulmer, Kaironk Valley, New Guinea (19 items), plus a large series of samples of rocks used for tool making; Dr C. M. Dawson, Polynesian material (171 items); Mr A. W. Pitts, New Hanover Island (a small but important collection); Mr L. M. Mills, Nuba and Dinka material from Sudan (268 items).

In addition, the E. E. Vaile Trust Fund and Leys Fund have been used to make important purchases of Pacific Island material (Atiu) and various local collections.

D. R. SIMMONS

E. Earle Vaile Archaeologist

Field work this year has consisted of site surveys rather than excavations. From late August to early October I took part in the Royal Society of New Zealand's Cook Bicentenary Expedition to the Pacific. My project consisted of a site survey of the Vava'u group in the north of Tonga. This was designed to complement surveys already undertaken in Tongatapu and in Samoa. Before joining this expedition I attended a conference of Pacific prehistorians in Fiji, organised by Bishop Museum, Honolulu, and sponsored by the Wenner-Gren Foundation.

In New Zealand, I undertook a major survey of all archaeological sites on Te Pahi station in the far north, at the request of the Lands and Survey Department. A total of five weeks was devoted to this project, which is not yet completed. Although I did not myself direct any excavations during the year, I arranged for several small projects to be carried out under the auspices of the Museum. During my absence in Tonga two excavations were carried out in the Coromandel area, one at Hot Water Beach directed by Miss A. Leahy, and one at Whangamata directed by Miss J. Allo. At the same time Mr G. Irwin, at my suggestion, conducted a small supplementary excavation at Hamlins Hill.

Field trips to inspect sites or talk to local groups have taken me to Whakatane, Taumarunui, Warkworth and the Coromandel Peninsula, as well as Kaitia and the far north. A number of talks were given to various organisations both in Auckland and elsewhere.

An increasing interest in the protection of archaeological sites is being taken by Local Authorities, as well as by the Lands and Survey Department. Considerable time has been devoted to preparing lists of sites and information on specific sites in various parts of the province.

Research other than field work has concentrated on the writing up of various excavations previously undertaken in the Auckland area, and continued analysis and writing up of results of earlier field work in Samoa.

I have continued to act as Secretary to the New Zealand Archaeological Association, and as a committee member of the Auckland University Archaeological Society and the Polynesian Society. Membership of the New Zealand Historic Places Trust has led to active involvement in various archaeological projects in which the Trust is concerned, particularly the Tongariro Archaeological Salvage programme.

Valuable assistance was provided during much of the year by a temporary assistant, Miss D. Williams, who catalogued the surface collection from Vava'u and the excavated assemblage from Hot Water Beach, as well as providing assistance in other activities.

JANET M. DAVIDSON

Curator. Colonial Section

The Tobacconist's shop has been reorganised and the text prepared for a descriptive pamphlet. The Misses Milne's shop has been repainted, and new material installed. Easier access to the various shops is gradually being organised and will facilitate routine tidying.

Miss Wynn-Williams continues to give much appreciated voluntary help on two mornings weekly, and thanks to her assistance we have managed to keep the Street well maintained during the year.

The contents of the Soar cottage have been catalogued for the Onehunga Borough Council, and assistance will be given with setting up the display when the cottage is re-erected in Jellicoe Park.

Mr Simmons and I visited Tauranga at the request of the Tauranga Historical Society Museum Committee and advised on organisational problems.

The National Film Unit spent two days in the Street making part of a film for overseas and local cinema distribution, and assistance has also been given to AKTV2 with historical programmes. Radio 1ZB broadcast a lunchtime session from the Street, Mr Turbott, Mr Wadham, Mr Scobie and I taking part.

Association with the Regional Committee of the Historic Places Trust continues and I have been appointed Recording Secretary to research for and complete site record forms. I also represent the Institute and Museum on the Management Committee of Ewelme Cottage.

The maritime catalogue is completed and the Maritime Society have expressed their willingness to help with conservation work on the ship models. Mr D. Brigham is to be thanked for already having made a start with this work.

I have started work on a catalogue of uniforms, and have begun the preparation of descriptive labels for the uniforms on exhibition.

EDNA M. STEPHENSON

Entomologist

The highlight of the past year, for both action and results, has been the Royal Society of New Zealand Cook Bicentenary Expedition, 1969. Two projects submitted, "Investigation of the insect and small invertebrate fauna of the Cook Islands" and "Collection of airborne insects at sea", were both accepted, which meant that I had much to do both ashore and afloat. After leaving New Zealand by air on 27th August, ten days were spent on the island of Aitutaki, and two weeks on Rarotonga, during which periods insects and other small invertebrates were collected by hand or extracted from leaf litter, moss and rotting wood by means of funnel extraction apparatus. In the time available, reasonable coverage of the highest areas, valleys,

coastal areas, shore and islets on the reefs was made, the fauna collected proving to be of great interest and of unsuspected diversity, particularly the small invertebrates inhabiting leaf litter. Brief visits were also made to the islands of Atiu and Mangaia by means of H.M.N.Z.S. "Endeavour", which provided transport between the islands and via Tonga back to New Zealand. Large nets were flown in the ship's rigging to collect airborne insects and these were tended by other Expedition members when I was not on board. The Royal Society of New Zealand and the Cook Islands Government provided transport and other facilities and many people gave hospitality and assistance in the islands. Official receptions were given to the Expedition, both at Avarua, Cook Islands, and at Nuku'alofa, Tonga. After the "Endeavour" arrived in Gisborne on 8th October, to launch the Cook Bicentenary celebrations, expedition members were included in receptions and celebrations there. Following my return to the Museum the collections made were given preliminary sorting and examination, reports on both projects being completed by the end of the year. These are to be published by the Royal Society of New Zealand in a forthcoming Bulletin on the Expedition.

Following an Auckland Savings Bank grant, it was possible to complete four insect display cabinets and the Insect Gallery was opened to the public for the first time, in September. It is very pleasing to have this gallery open and to be able to display the W. H. Hemingway exotic collection in a fitting manner. Further displays are planned.

Many recoveries of tagged Monarch Butterflies have again been made this season, but most were in the release localities. However, amongst many butterflies tagged at Whangarei have been one recovered at Kaitaia, one near Kaiwaka, one at Orewa and one at Titirangi. Unfortunately, of over 3000 butterflies tagged at the northern overwintering colony last year, none have been recovered after the winter, but this result suggests the possibility of a definite migration to another area which may possibly be outside New Zealand. Further assistance has been received from co-operators and members of the public.

Mrs J. Gurr has kindly given a great deal of assistance in the department during the whole year on a voluntary basis. Mr M. Burnell and Miss J. Wise have also assisted for short periods.

Monthly meetings of amateurs and students have continued in the department; lectures have been given by me here and elsewhere, including a University Extension series, while zoological papers for the Museum *Records* and Museum *Bulletin* have been edited. Articles on three insect groups have been written for the Encyclopaedia Britannica, and research is continuing on primitive wingless hexapods, lacewings and caddisflies of New Zealand, subantarctic islands and Cook Islands.

K. A. J. WISE

Marine Biologist

The display of corals has been rearranged in the Hall of Natural History: material from both New Zealand and Samoan waters has been displayed to show the full diversity included amongst corals. A display on some coastal shorelines is being planned, in co-operation with Mrs Brookes and Miss Bertrand, and this will provide a brief introduction to marine coastal ecology in this region.

Assistance with identifications and advice to public inquiries, underwater clubs and naturalist groups continues to be important to this Department, and recently this type of activity has been extended to cater for a number of requests from Government Departments and the local fisheries industry. Industrial inquiries have covered a wide range of fish topics, some too detailed to be answered without extensive research.

The installation of additional shelving has enabled a revision to be made of wet collections of echinoderms, annelid worms and lower invertebrates, and the transfer of non-molluscan material from the Malacology Department has been completed. New microscopes have facilitated more critical examination of smaller organisms, and I gratefully acknowledge the assistance given by the Auckland Savings Bank to enable the two microscopes — dissecting and compound — to be purchased.

"Yes, I have a pair of eyes," replied Sam, "and that's just it. If they was a pair o' patent double million magnifyin' gas microscopes of hextra power, p'raps I might be able to see through a flight o' stairs and a deal door; but bein' only eyes, you see, my wision's limited." (Pickwick Papers, Dickens.)

A valuable collection has been donated through Mr C. Wormald, and resulted from the operations of the trawler "Valkyrie" over the period when it was engaged in experimental prawn fishing in north-eastern coastal waters. Many rarer species, including several providing new records, were collected, and this can be attributed to the special trawl gear used and the depth at which it was operated.

In May, 1969, an expedition to the Poor Knights Islands was joined by Mr Cernohorsky and myself. In association with zoology students from Auckland University, new techniques in underwater collecting and observation were used and met with some success. The collections were not necessarily rich in new records, as previous sampling has occurred, but the improved methods, including underwater observations at night, have improved our knowledge of frequency especially for some rarer species. Teaming with Mr A. N. Baker, Curator of Echinoderms, Dominion Museum, on this occasion proved most useful for both our institutions; Mr Baker has since given considerable assistance with the identification of our echinoderm collections.

Research into the ageing and population structure of the garfish *Reporhamphus ihi* has continued, and sampling for this project is almost finished. Papers on the systematics and distribution of fishes not previously recorded in New Zealand and the nut crab *Ebalia tuberculosa* were completed for publication this year.

A. B. STEPHENSON

Malacologist

The Department has continued to provide service to the public through identifications of molluscs, advice on collecting techniques and other aspects of malacology. Material for identification of marine molluscs has been received from institutions and malacologists of 10 countries. Locally, material has been identified for the Botany Division of the D.S.I.R., the Department of Agriculture and Auckland University. Requests for type material by various institutions have also been dealt with.

A field trip in the company of the Marine Biologist, Mr Stephenson, to the Poor Knights Islands was made during the combined Auckland Museum - Dominion Museum - Auckland University Expedition. Good material has been collected, and the discovery of a Pacific ovulid added a new record to New Zealand's molluscan fauna.

A radio interview on Pacific molluscs and starfish infestation of the Great Barrier Reef and Pacific Islands was given for the NZBC. A small collection of undocumented marine shells has been assembled and donated to an orphanage in Albury, Australia. The Department has continued to provide quarters for the Museum's Conchology Section for their monthly meetings; a lecture on molluscs has been given to the Conchology Section during the year.

The Smith collection of molluscs has been acquired by the Museum for the Department. The collection, which consisted mainly of New Zealand land molluscs, included species which have become almost extinct, and their acquisition for our collection was very valuable.

Research during the year has dealt with the distribution of littoral marine gastropods of Niue Island, the taxonomy of some New Zealand Cymatiidae, the Muricidae of the Fiji Islands, and a study of Lamarck's type specimens of Mollusca in the Geneva Museum. The completion of the 340 page manuscript of the "Systematics of the Families Mitridae and Volumitridae", for Museum Bulletin No. 8, was the result of eight months' overseas research during 1968. Research on Fijian Naticidae, New Zealand fossil and living Cypraeaacea, and Cook Island mollusca obtained during the Cook Bicentenary Expedition, is in progress.

W. O. CERNOHORSKY

Research Associate in Mollusca

Published research during the year was confined to one bulletin "The Subfamily Turriculinae", 213 pages, being the third of the series on the molluscan family Turridae, contributed to "Indo-Pacific Mollusca", published formerly by the Academy of Natural Sciences of Philadelphia, but now by the Delaware Museum of Natural History. A fourth part of this series, comprising over 600 pages of manuscript, is almost completed, and a certain amount of work has been done on the remaining parts, which together constitute about two-thirds of the whole project.

Four other works on turrids are in manuscript and await final check. Two of them exceed 500 pages each.

Work upon the new "Manual of the New Zealand Mollusca" has reached an advanced stage, with over 600 typed quarto pages completed, and over 1300 species covered, representing about two-thirds of the total marine molluscan fauna. Many new records and systematic changes will be included in the "Manual", but these will be published firstly as part 7 of the "New Zealand Molluscan Systematics" series, in our Museum *Records*.

Research on land snail populations in Northland forest remnants continues with the aid of a Nuffield Research Grant. Many weekend trips were made during the year in company with Mr A. K. Hipkins, who not only provided transport but also assisted in the field. Last year Mr Frank Climo, of the Dominion Museum, was an invited participant, and already he has published two important anatomical papers, based in part upon material collected with the aid of the Nuffield Grant.

Other projects in hand, upon which considerable work has been done, are: (1) Turrids of Hawaii, jointly for the United States National Museum and the Bishop Museum, Honolulu; (2) Turrids of the John Murray Expedition, for the British Museum (Natural History); (3) New Zealand deep water turrids, for the Oceanographic Institute, DSIR, Wellington.

University of Auckland students requiring specialised information relating to their molluscan research projects, concerned both with land snails and paleontology, have received attention, and access to material was given. Also a large collection of Pleistocene turrids from Portuguese Timor was forwarded for report by the Geology Department of the British Museum (Natural History).

The Museum postage stamp collections continue to increase with the acquisition of new issues, both from the A. J. Ayre Fund and the Philatelic Bureau, Wellington. The mounting of these stamps is being kept up to date.

Large collections of material and of literature require maintenance, and so a considerable amount of time is taken up with this very necessary task.

A. W. B. POWELL

Curator of War Relics and Applied Arts

The Hall of Asian Art was completed during the year : the original cases were redesigned and fitted with interior lighting and the floor plan of the Hall adjusted, and new flooring installed. I think the result is reasonably successful and enables us to display our quite considerable Asian collection in a logical fashion.

Now that Art is included in the University Entrance examination this Hall should have much more use by Secondary School students.

Lecture tours during the Festival provided the first important activity in the Hall, and much interest was shown in both lunchtime and evening tours. Since the Festival additional evening and day tours have been arranged.

There has been a considerable number of acquisitions. Through the Disney Art Trust we purchased twelve ceramic items including a 16th Century Chinese pilgrim bottle in blue and white and a Swatow three-legged bowl.

An anonymous bequest has enabled us to purchase a further selection of Thai, Annamese and Chinese ceramics from the collection of Mr Peter Gordon and a very fine group of Sung wares, including a Northern Celadon bowl and a Chün bowl. From the same source we have been able to purchase through Mr Wingfield Digby of the Victoria and Albert Museum a collection of Persian rugs. These are on the way here and will enable us to display in the projected Furniture Hall a fairly comprehensive cover of carpet making in Central Asia.

The Mackelvie Trust has purchased a fine Thai head of the Sukhotai period which should be here soon. They have also set aside \$5,000 to purchase a figure for the centre of the Asian Hall. This is being sought and we hope to have one during the year.

A notable collection of Archaic Chinese jade has been deposited in the Museum by Mr Leo Tattersfield. This is an outstanding deposit and complements our later jades of the Sung and Ch'ing dynasties.

Two exhibitions of ceramics have been on loan during the year, both to the Palmerston North Art Gallery. I was also fortunate to have the opportunity, through the invitation of the Exhibition Organiser, Mr C. G. Docking (Director, Auckland City Art Gallery) of arranging the ceramics section in the New Zealand Visual Arts exhibition, set up in the Art Gallery for the Royal visit, and later toured throughout New Zealand; our collection provided the greater part of the material included, which comprised items only from public collections.

Mr W. Angus has proceeded with cataloguing the clock collection and these are now very satisfactorily housed in a separate room where they can be worked on and also inspected.

We have been fortunate to have Mrs Judy Smith to look after and catalogue our textile collection. While in England she spent a



Hall of Asian Art

Vahry photo

great deal of time at the Victoria and Albert and other Museums, in the textile departments, studying storage, conservation and cataloguing.

The War Catalogue has been checked, all the arms renumbered and placed in a separate catalogue. The maintenance of this very extensive collection is difficult and time consuming. Mrs Stephenson has assisted with the recataloguing of the uniform collection.

A new case has been installed at the entrance to the Hall of Asian Art for the display of recent acquisitions. This case is flexible in its lighting and display area and can be used also for notable objects in the Museum collections.

T. J. BAYLISS

Librarian

This year there has been greatly increased use of the library, particularly of the New Zealand collection — 3497 persons used the New Zealand Room, 1342 more than last year. This is in part accounted for by the considerable demand for the early newspapers presented last year by Wilson and Horton Ltd, but it is partly due to the use being made of our growing collection of original manuscript material. Books borrowed numbered 5995, 2628 of these being about New Zealand, but a great deal of the use being made of the New

Zealand collection is of books, documents and newspapers which can be used only in the library. Excluding newspapers, over 700 items from the Reserve collections (chiefly manuscripts) were consulted in the library.

Information on many subjects has been supplied to enquirers. Visual material and background information have been provided for television programmes; groups of Teachers' College students have worked on projects dealing with aspects of New Zealand history; assistance has been given to the increasing number of persons who seek genealogical information. Many other kinds of enquiries have been answered.

A number of interesting items have been received by purchase and donation, of which only a few can be mentioned here: Diaries of Andrew Sinclair for 1823 and 1832-34 were presented by Mr and Mrs R. Johnstone and the Misses Gillies; papers from the estate of the late Dr A. H. Kirker were presented by his son, Mr J. Kirker; the papers of George Gow were presented by Miss Eva Gow through the Auckland Maritime Society; baptismal and marriage registers, minute books and other records of the Church of the Holy Sepulchre, covering the period 1865 to 1900, were deposited; papers of the early missionary, the Rev. T. S. Grace, were deposited by Mr A. F. Grace; papers relating to Robert Graham, well known as one of Auckland's earliest settlers, were presented by Mr Graham Witham; photocopies of letters of the Rev. John Whiteley, 1833-1839, were presented by the Alexander Turnbull Library. In addition, several people have kindly lent letters and diaries for copying.

The Photograph Collection has continued to grow, and as it grows, so do the number of enquiries: 1134 prints and 400 negatives have been added during the year, chiefly of Auckland and Northland. The total number of prints of these areas alone is now nearly 10,000; 2634 photographs were fully indexed. Full indexing means that every photograph has an index entry under place, and under any subject with which it is concerned. Thus the maximum use can be made of the collection, and we find that most of the requests received can be satisfied. Mrs Mogford is in charge of the Photograph Collection, and although employed on only a part-time basis, spends many extra hours a week on this very specialised work.

A Xerox machine was installed during the year, and this has solved a problem which had become acute, that of fulfilling the numerous orders for photocopies. In other ways, too, having a copying machine so readily available has resulted in a considerable saving of staff time.

The *Records* and *Bulletins* are now being sent to 290 institutions, and many valuable publications are received in exchange.

New books added to the library numbered 1083, and 352 items from existing stock have been catalogued. These latter were all books concerned with Pacific Island languages.

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Work on the collection known as the Women's Archives has continued, and for this we have to thank various women in Auckland and elsewhere. This collection was established in 1961, when the late Mrs Enid Roberts handed over to the library the material she had been collecting on New Zealand women and women's organisations. A local committee was set up which was to be responsible for sorting and organising the material sent in from other parts of New Zealand, and for nine years this group, with few changes in personnel, has continued the work. I am most grateful for all that the women of this committee have done and are still doing.

Miss Linda Frost, who has been an assistant in the library since the beginning of last year, left in March to go overseas, and her place has been filled by Miss Mary Broadhead.

Once again, we are indebted to several people who have assisted in a voluntary capacity: Mrs B. Laing, Mrs M. M. Lusk, Mrs J. Hunter and Miss J. Caughey have helped with typing and other work, and Mr Peter Hunter has indexed many of our early records of deaths and marriages. I wish to express my very sincere thanks to all these people for their valuable help.

In addition to the donors mentioned above, we acknowledge with thanks donations from the following persons:—

Sir Gilbert Archey, Brigadier R. S. Park, Lt.-Colonel A. R. Hughes, Rt Rev. G. R. Monteith, Professor T. C. Chambers, Professor V. J. Chapman, Dr H. C. Holland, Dr Mary S. Palmer, Dr R. M. S. Taylor, Messrs A. M. Alexander, C. Alldritt, B. W. Allen, J. Bishop, S. G. Brooker, Buddle, Weir & Co., A. Cates, S. R. Clark, G. T. Clunie, W. D. Cogswell, R. E. Combes, W. L. Cook, W. Cunningham, C. W. Devonshire, O. A. Finlay, E. E. Gichard, K. Gorbey, T. J. Horner, K. Howe, J. W. Hughes, P. Hunter, C. P. Hutchinson, W. N. Hutchinson, R. F. Keam, A. A. Kirk, H. G. Lambert, P. A. Lawlor, W. Laxon, W. Lindsay, A. Lush, J. W. Macky, N. A. Maffey, A. D. Mead, A. R. E. Messenger, R. Mogford, R. Moynihan, H. C. M. Norris, W. T. Parham, C. J. Parr, J. R. Penniket, John Reid & Co., D. B. Robertson, I. Ross, J. F. Y. Schischka, R. A. Scobie, G. Scott, J. Seabrook, W. Shawcross, A. J. L. Sheat, D. Simmons, H. B. Sommerville, B. Stephenson, E. Sutton, E. G. Turbott, C. W. Vennell, G. B. Wilson, N. Young, Mrs H. Addenbrook, Mrs M. D. Archbold, Mrs D. Beavis, Mrs Blomfield, Mrs Calderwood, Mrs E. Dawson, Mrs Freeman, Mrs J. Gaudin, Mrs A. Hill, Mrs B. Holt, Mrs D. M. Hudson, Mrs Luckham, Mrs M. J. MacDonald, Mrs W. Macdonald, Mrs R. M. Ross, Mrs J. Seeley, Misses J. Caughey, L. J. Durrad, H. Fletcher, M. King, Z. O. Lloyd, M. Paterson, J. and A. Robertson, O. Rutherford, P. Swadling, E. M. Wilson, Alexander Turnbull Library, Army Headquarters Library, Auckland Maritime Society, Dominion Museum, Takapuna City Council.

ENID A. EVANS

Extension Service

This past year has been marked by the large miscellany of duties that I have been called upon to perform, and by the growth of existing services.

New display locations have been opened at Kaitaia Library, Pukekohe Borough Council Chambers, Waiuku Museum, Takapuna Library, Morrinsville Library, Matamata Library, Paeroa Library, and at Urewera National Park Headquarters. To fill the new cases, displays have been made with Mrs Brookes' assistance, using materials and information obtained as the setting up of the Hall of Man proceeded. These panels are "The Australian Aborigine", "Eskimo", "Zulu Warrior", "The Zulu at Home", "Ancient Egypt", "The Plains Indians of North America" and "The Moriori of the Chatham Islands". As some of the displays are now about ten years old and are showing wear, and the panel itself is, in some cases, beginning to break up, the repair and maintenance of these will demand an increasing amount of time.

The photographs from the "Early Auckland Illustrated" exhibition have been boxed and are at present being exhibited at centres on the North Shore. Following this they will be taken to selected sites around the province. Assistance was given in the organisation, display and repacking of the "Cook's Polynesia" exhibition.

The Sunday lectures this year had "Conservation" as the theme, and thanks are due to the following speakers who made the series so interesting and stimulating: Professor F. J. Newhook, "Conservation Needs in New Zealand Today"; Mr R. B. Sibson, "Wildlife Reserves"; Mr A. N. Sexton, "Afforestation, Native and Exotic"; Mr C. W. Firth, "The Maintenance of Good Water Supplies"; Mr J. Mazey, "Tongariro National Park"; and Mr D. A. Thom, "Town and Country Planning". Average attendances were 65.

A new set of six postcards has been printed and is now on sale at the Information Desk, and a reprint of 10,000 copies of the "Guide to the Museum" has been made, the previous printing having lasted 18 months. The "Guide to the Art Galleries and Museums of New Zealand" is being distributed through our sales organisation for A.G.M.A.N.Z.

Sales of "Native Animals of New Zealand" have increased by 65% over the previous year, with the accompanying increase in paper work associated with credit sales. I have also taken over the "standing orders" which in the past were handled by the Library.

Extended Studies Classes were again held for form I and II children, selected by officers of the Education Department. Mr Cadman and Mr Van der Meijden joined me in taking these classes, and the fact that the children continue to attend even though the classes are held outside school hours, shows that they feel that the work they do is worth while. The Auckland Post Primary Science Teachers' Asso-

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ciation again staged their usual successful "Annual School Science Exhibition", for which I acted as liaison officer.

Among the varied duties, I have assisted with the despatch and receipt of birds on loan, supplied two displays for the Ngatea A. and P. Show, answered many enquiries on rock specimens, given brief introductory talks to tour parties from over 80 tour ships, and, since the opening of the Auditorium and the allocation of the Children's Room for small meetings, I have acted as booking officer.

J. H. WADHAM

Planetarium Lecturer

Attendances at the Planetarium during the year totalled 16,999, the highest total recorded in the past five years. During this year 101 school groups totalling 4390 children attended lecture demonstrations on the night sky, the solar system, time and seasons, eclipses and Apollo moon flights. During the period five night sessions were given on special topics for adult groups.

A factor which has contributed substantially in increasing attendances was the publication by a group of Auckland teachers of two of a series of texts, including a section on astronomy, entitled "Science Makes Sense". Following the publication of these books pupils in the higher forms of colleges, who otherwise rarely visit the Planetarium, are now coming in large numbers to gain visual illustration of the topics they are studying at school. The higher-grade students are now requiring an hour-long demonstration — double the length of the normal sessions.

R. A. McINTOSH

School Service

Summary of attendances for one-hour lessons: Primary, 48,286; Intermediate, 9,906; Secondary, 5,918; Total, 64,110.

Student Teachers on Section: Primary, 75; Secondary, 5; Total, 80.

Numbers in visiting Student-Teacher classes: 578.

Schools regularly receiving loan material: City, 75; Provincial, 395; Total, 470.

With attendances again running in the sixty thousands, this is likely to be a permanent condition, and the overall situation is acute. An earlier annual report (1963) notes, "This extremely busy year has shown clearly the limitations of the establishment . . . At the most, the staff can work to capacity. Any new work tackled can only be at the expense of something else." The situation has now arisen when it is almost impossible to attempt new work, and ironically this has been produced by the demand for lessons.

Notwithstanding, this department has collaborated to the utmost with the Secondary Schools in helping them to meet the requirements of the new Art Course offered for the first time this year in the University Entrance Examination. The response in the number of pupils, as well as in the range of schools throughout the city and the province, has been most rewarding. This interest in the Museum as a source for teaching art is tending to extend to other forms in the Secondary Schools.

To help meet the demand for self-conducted visits, a new type of Activity Lesson Sheet has been devised for standards 1 and 2 pupils. Thanks are due to Mr A. L. Rich, Headmaster of the Mount Eden Normal School, and his junior class teachers, for their assistance and criticism in preparing these sheets. These new type lessons have been well received by teachers and parents alike. Special efforts to shape this huge demand have been made by circularising all Primary Schools, state and independent, in the regions of the Auckland and South Auckland Education Boards.

The interest of members of the Auckland Education Board in this service was most gratifying when a large party, under the leadership of its Chairman, Mr R. McGlashen, visited the Museum. The co-operation of the Board in securing a modern duplicator, and in arranging the supply of other equipment in conjunction with the South Auckland Education Board, as well as its general assistance in this difficult year, are greatly appreciated.

A course for Education Advisers held by the Education Department proved a fruitful and stimulating experience.

R. A. SCOBIE

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value) exceeding \$100 (£50).

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
1878 Mr. J. C. Firth donated £106 for show cases.
1884 Mr. Edw. Costley bequeathed £12,150.
1887 Mr. David Nathan bequeathed £100.
1897 Mr. T. Russell donated £100 for geological specimens.
1901 Auckland Citizens subscribed £1,000 for Mair Collection.
1902 Mr. E. A. Mackechnie bequeathed £2,500.
1906 Auckland Citizens subscribed £662 for carved houses.
1911 Auckland Citizens subscribed £684 for ancient carvings.
1913 Sir John Logan Campbell bequeathed £1,000.
1921 Institute Members subscribed £115 for Temple Bronzes.
1923 Sir Wm. H. Herries bequeathed £1,000.
1924 Citizens subscribed £698 for Maori collections.
1925 Institute Members subscribed £100 for Maori collection.
1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000.
1927 Mr. F. Shaw bequeathed £1,000.
1929 Mr. S. J. Ambury bequeathed £250.
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
1940 Mr. Maurice Harding bequeathed £500.
1941 Mr. Ormsby Gore Adams bequeathed £100.
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
Mr. R. C. Horton gave £200 towards extending the mineral collection.
Sir Albert and Lady Ellis gave £150 for Library book-cases.
£428 received on account of a bequest by Mr. C. V. Houghton.
Mitchelson Prize Fund increased to £100.
1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography.
Auckland Savings Bank gave £500 for improvements to Exhibition Halls.
Auckland Electric Power Board gave £100.
Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.
Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500 for purchase of ethnographical specimens.
1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.

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- 1947 Auckland Savings Bank Centennial Gift of £5,000.
Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- 1950 Mrs. Sarah Ann Powley, bequest of £171.
Sir Cecil Leys bequeathed £1,000.
- 1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.
- 1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics.
- 1954 Captain G. A. Humphreys-Davies: Bequest of £500.
Sir Albert Ellis, C.M.G.: Bequest of £100.
- 1956 Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500.
Sir William Goodfellow: £100 for early English ceramics.
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
- 1960 Auckland Savings Bank gave £500 to furnish the Cheeseman Herbarium.
A Member gave £75 towards furnishing the Herbarium.
Mr. W. B. Dixon Stroud gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.
£1000 received from an Institute Member to extend popular science publications.
- 1961 Sir William Goodfellow: £250 towards purchase of van; £150 for purchase of porcelain.
Mr. L. J. Ayre: bequeathed £852.
Auckland Savings Bank gave £600 for equipping the children's hobbies room.
Mr. H. J. Atkinson: bequeathed £685.
Dr. J. A. Clinch: bequeathed £500.
Anonymous: £500 for the memorial halls.
Miss E. L. Hellaby: £100 for the memorial halls.
Institute Member: £200 for exhibition halls.
Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.
- 1962 Mr. H. D. Buddle: bequeathed £1,000 and many books.
Sir John Logan Campbell Trust: £2,400 grant for display hall.
Miss E. L. Hellaby: £100 for memorial halls.
Mr. John Seabrook: £250 for micro-film reader.
Mr. W. B. Dixon Stroud: \$6,000 for Dr. Powell's molluscan research.
- 1963 Messrs. E. A. Astley and Sons: £100.
Miss C. A. Atkinson: bequeathed £53/14/2.
Auckland Savings Bank: £5,000 for new exhibition halls.
Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology.
Sir William Goodfellow: £100.
Miss E. L. Hellaby: £100 for memorial halls.
- 1964 Miss E. L. Hellaby: donation of £100.
Miss Josephine McClymont: donation of £200.
Sir John Logan Campbell Trust: £2,500 for exhibition hall.
Auckland Savings Bank: £2,000; administrative area, finishing.
Auckland Lions' Club: £116 for display case.
- 1965 Auckland Savings Bank: £2,000 for Maritime Hall.
Mr W. H. Cocker, C.M.G.: bequeathed £100 for show-case to house collection of sake bottles and snuff bottles.
Miss E. L. Hellaby: donation of £100.
Mr S. Klippel: bequeathed £250.

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- Mr J. A. Stacey: donation of £100.
Mr W. B. Dixon Stroud: \$4,000 for Dr. Powell's molluscan research.
- 1966 Auckland Maritime Society: £200 towards purchase of Lloyd's Register of Shipping.
Auckland Savings Bank: £2,000 for exhibition halls.
Sir John Logan Campbell Trust: £2,000 for lighting in exhibition halls.
Mrs E. E. Fraser: bequeathed £2,619.
Miss E. L. Hellaby: donation of £100.
Mr C. V. Houghton residuary estate: £627.
£200 received on account of a bequest by Mr W. T. King.
Mrs J. McLennan: bequeathed £1,000 as an endowment for visual aids equipment for school service.
- 1967 Auckland Savings Bank: £1,000 for entomological cabinets and equipment.
Sir John Logan Campbell Trust: £1,050 to commission portrait of Sir Winston Churchill by Edward Halliday.
Miss E. L. Donald: bequeathed £500.
Miss E. L. Hellaby: donation of £100.
Mr W. T. King: £955 as residue of bequest.
Mr C. E. Disney: established the Disney Art Trust of £54,483, to enable Dominion Museum, Wellington, and this Museum to obtain Applied Arts material (particularly Oriental and European Applied Arts).
Milne and Choyce Ltd.: The installation "Centennial Street", on the occasion of the firm's centenary; capital cost £8,300.
- 1968 Auckland Savings Bank: \$4,000 for Library furnishings, exhibition hall lighting and numismatic displays.
- 1969 Dr Grace de Courcy: bequeathed \$1,000.
Mr H. K. McLeod: bequeathed \$1,000.
- 1970 Sir John Logan Campbell Trust: \$2,000 to assist with the installation of Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 to provide equipment for the Marine Biology Department and for lighting in entomological displays.
Mrs M. Brien: bequeathed \$200.
Mr J. A. B. Hellaby: bequeathed \$2,000.
Miss I. T. Stennett: bequeathed \$2,007.
Mr N. R. W. Thomas: bequeathed \$200.

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
1887 Mr. C. O. Davis: Valuable Maori collection.
1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
1916 Mr. Henry Shaw: Collection of Japanese art.
1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection.
1919 The Misses Yates: Collection of Indian weapons.
1920 Mr. James Dunning: Collection of North American Mammals.
1921 Mr. W. A. Aldred: Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection.
1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.

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- 1924 Mr. Wm. Sutherland: Melanesian ethnographical collection.
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits.
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities.
Mr. H. R. Butcher: Collection of British coins.
Mrs. E. M. Ball: The Thos. Ball Zoological collection.
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens
Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings.
Mr. Moss Davis: Valuable ethnographical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.
Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
Mr. W. R. McGregor: New Ireland carved memorial figures.
Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of mollusca.
Mr. C. E. Clarke: Large collection of N.Z. Insects.
Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection.
Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.

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- 1933 **Vaile Collection:** Additional gift of many valuable Maori antiquities. **Mr. W. Goodfellow:** Extensive ethnographical collection from Northern Melanesia.
- 1934 **Miss Eleanor Brown and Mrs. Geo. Brownlee:** Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes. **Messrs. R. B. & G. Matthews:** The H.B. Matthews Herbarium.
- 1935 **Mr. F. Crossley Mappin:** Maori Specimens, including handsomely carved sternpost. **The Admiralty:** Model of H.M.S. New Zealand.
- 1936 **Captain G. Humphreys-Davies:** Large and valuable collection of Chinese pottery figures. **Mrs. T. G. Russell:** 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. **Mr. E. Earle Vaile:** Valuable Maori hei-tiki and Rapa Island stone artifacts. **The Estate of the late H. E. Vaile:** Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 **Mr. E. Earle Vaile:** Collection of ethnographical specimens and six Italian bronzes. **Sir Algernon Thomas:** Library of scientific books and papers.
- 1938 **Mr. E. Earle Vaile:** Gift of many early New Zealand books and journals. **Mr. J. R. le B. Tomlin:** Gift of valuable early editions of natural history works. **Mr. F. Crossley Mappin:** Early Chinese Pottery and Bronzes.
- 1939 **Mr. E. Earle Vaile:** Maori carvings, large Melanesian collection and gifts to the Library. **Mr. J. R. le B. Tomlin:** Gift of early Worcester china and early works on natural history. **Mr. W. Goodfellow:** Large Melanesian collection.
- 1941 **Mr. H. R. Jenkins:** Historic anchor associated with the ill-fated H.M.S. Bounty. **Mrs. T. G. Russell:** 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown. **Mr. Ormsby Gore Adams** bequeathed cinema camera, photographic equipment and nature films.
- 1942 **Mrs. A. A. Richardson:** The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides. **Col. the Hon. F. Waite, D.S.O., M.L.C.:** Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 **Captain G. A. Humphreys-Davies:** His extensive and valuable collection of Chinese arts. **Mr. E. Earle Vaile:** Large collection of books and pamphlets on exploration and early life in the South Pacific. **Mrs. W. H. Hemingway:** The late Mr. Hemingway's display and cabinet collections of insects. **Colonel the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs. B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr. E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr. J. C. Entrican:** Large collection of Eastern Polynesian stone implements.

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- 1945 Mr. W. G. White: A valuable very representative collection of Worcester and Chelsea China. Mr. E. Earle Vaile: Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund: Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
- Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
- Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
- Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 Sir Frank Mappin: 16mm Cine-sound projector.
- 1949 Mr. and Mrs. J. Yock: Old English sterling silver salver.
- 1950 Mrs. J. P. Campbell: Eighteenth century inlaid sideboard.
Mr. Wm. Goodfellow: Delft vase and other early ceramics.
Mr. V. J. Larner: Early china and delft vase.
- 1951 Mrs. Goldie: Twenty portraits of Maoris by the late Mr. C. F. Goldie.
- Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
- Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
- Mr. W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 Mr. E. Earle Vaile: Selected early works on discovery and exploration in the Pacific.
- Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
- New Zealand Insurance Company: Suite of large cabinets and library furniture.
- Mr. William Goodfellow: Three Maori portraits by Lindauer.
- Sir Carrick Robertson: Collection of Zulu ornaments.
- Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
- Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
- 1954 Mrs. Robert Cooper: Collection of botanical books and book-cases.
- Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
- Mrs. P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.
- 1955 Dr. J. A. Clinch: English silver and Sheffield plate.
- Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, K.B.E.
- Mrs. A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
- Mr. C. Rose: Set of 2000 charts of the Pacific.
- Mr. G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
- Wellcome Museum Trustees: extensive selection of ethnological specimens.

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- 1956 Miss E. Blumhardt: Large set of her paintings of native flowers.
The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
Sir Ernest Davis: Portrait of H.M. the Queen.
Mr. John Pybus: Five moa skeletons from Waitomo district.
- 1958 Rev. Canon Hubert Jones: Sets of English West-County history.
- 1959 Mrs. R. Rose: English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
Dr. Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.
- 1960 Farmers Trading Company's Jubilee gift of a Spitz Planetarium with full range of accessories, the planetarium building and furnishings.
Sir Ernest Davis: Portrait of Lord Freyberg.
Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
Mr. L. J. Ayre: Extensive philatelic collection and a monetary bequest.
Miss Lina V. Bruce: 18th century north country spinning wheel.
Mrs. Susan Payne: library cabinets, philatelic and ethnographical collections.
- 1961 Mr. Leo White: Series of coloured wall display photographs of Auckland.
Auckland Citizen: Portrait of His Excellency the Governor-General.
Northern Steamship Company: Builder's model of "Whakare" and "Manaiia".
Union Steamship Company: Builder's model of "Ormonde".
- 1962 Mrs. Blanche Halcombe: books, collections of native birds and thnological articles.
Sir Ernest Davis: large model sailing ship.
Mrs. E. E. Goodhue: collection of Northland greenstone ornaments.
Miss M. F. Hoole: bequeathed a Sheraton sofa table.
Dr. and Mrs. J. L. Newman: large Chinese silk and gold embroidery.
The Countess of Orford: Water colour drawing of Auckland by J. C. Hoyte.
Mrs. G. R. S. Fisher: Notable examples of early English-Continental lace.
- 1963 Sir John Logan Campbell Trust: Library furnishings.
Mr. W. Kingsley: collection of books on Naval history.
Mr. E. F. Hilton: large collection of shells including rare species; Northern Australia and Tropical Pacific.
- 1964 Miss J. Winifred Shaw: Chinese lacquered work-table.
Sir James Gunson: silver model of first War Memorial building.
Mr. L. Alfred Eady: early Collard piano.
Mr. Peter A. N. Nathan: Chinese carved screen.
Mr. Lacy K. Neilson: Maori carved pataka base.
Mr. A. D. W. Walcott: Merlin air engine.
New Zealand Insurance Company: Board-room tables, chairs and book-cases.

- Mr. C. W. Hawkins: Models of Auckland sailing ships.
Mr. N. R. W. Thomas: Set of book-shelves.
Mr. C. A. Gordon: Bequest of several thousand books.
Mr. R. B. Sibson: Descourtilz, Ornithologie Bresilienne.
Mr. E. J. Mitchelson: Dressing table of New Zealand woods.
Mrs. Doris Gordon and Miss Gladys Holman: Drawings by John Johnson, first Colonial surgeon.
Mr. W. H. Cocker, C.M.G.: collections of Japanese sake bottles and snuff bottles and £100 for show-case.
- 1965 Mr. P. A. Lawlor: Walpole collection: books and pamphlets.
Mr. James Pascoe: Two Dresden vases.
Lady Richmond, Mrs. H. Kinder, Mr. P. B. Phillips: nine paintings of vessels of the Craig Line.
Mr. J. F. Stewart: Tokipoutangata, mere pounamu and kotiate.
- 1966 Auckland City Council: Collection of three-dimensional items formerly part of the Old Colonists Museum.
- 1967 Mr Noel Cole: Portrait of Sir Peter Buck (Te Rangi Hiroa).
Mr V. C. Cooper: Collection of New Zealand and Australian stamps.
Lady Mappin: Georgian ball gown.
Sir Frank Mappin: Collection of European arms and armour, and oak dining table.
Royal New Zealand Navy: Model of H.M.N.Z.S. "Royalist", ship's book and other relics of H.M.S. "Philomel".
- 1968 Mr. R. W. W. Archer: Set of New Zealand coins for each year of issue up to 1965.
Auckland Studio Potters: Collection of Japanese pottery, and two studio pots by Michael Cardew.
Mr. C. E. Disney: Turkish plate.
Mrs. Helen Mason: Collection of studio pottery.
Mr. D. MacAlister: Collection of Staffordshire pottery.
- 1969 Wilson and Horton Ltd: Comprehensive set of files of the "New Zealand Herald", "Weekly News", "Southern Cross", "New Zealander" and other early Auckland newspapers.
- 1970 From an anonymous gift for purchase: Collection of Persian carpets, 17th-19th century; collection of Asian ceramics.

ACCESSIONS 1969 - 70

- Mrs H. Addenbrook: Old leather pouch.
 Alitalia Airlines: Pottery fragments from an Etruscan tomb.
 Mr L. E. Allen: Stone adze.
 Mr J. S. Angland: Salt cellar, two inlaid boxes, meat dish.
 Mrs Armitage: Two irons, glass preserving jars.
 Mr R. Auckram: Stone adze.
 Mrs L. M. Beck: Pillow, lace making outfit and samples with cottons and patterns.
 Mr P. Billings: Bone material.
 Bernice P. Bishop Museum: 30 Pacific area plants.
 Miss M. Black: Crocodile, New Guinea, paddle blade, Solomon club, pince nez.
 Mr V. L. Bourne: Kava bowl, Samoa.
 Mr C. Brazier: Blade end of hog-back adze.
 Professor L. H. Briggs: Two gas masks World War II.
 Dr and Mrs R. N. H. Bulmer: Hafted adze, haft, stone head, red stone, rock samples, New Guinea highlands.
 Miss L. Burke: Ethnographic material, Kaironk Valley.
 Mrs C. Canter: Mason preserving jar.
 Mr J. M. Carbutt: Three adzes.
 Mr N. S. Cassrels: Piece of hatch coaming, s.s. "Elingamite".
 Miss O. Chamberlain: Polynesian skirt.
 Mr F. Clarke: Comb, composite fishhook, hair ornaments, Solomon Is.
 Mr F. M. Clift: Copy of cuneiform tablet, Babylon 1st Dynasty.
 Master Clark Close: Pumice carving figurine.
 Mr R. Combes: Coffee pot.
 Mr D. Comrie: Apple peeler.
 Mr B. A. Coombe: Two rucksacks, First World War.
 Cornell University, U.S.A.: 60 sheets cultivated plants.
 Mrs L. Courtenay: Preserving and jam jars.
 Mrs M. Crkvenac: African bead helmet, Nigerian war dance mask.
 Dr P. R. Cunningham: Yellow-bellied sea snake.
 Miss J. Davidson: Sherds, Fiji; sherds, pumice file, Nuku'alofa, Tonga; obsidian flakes.
 Mrs D. E. Davies: Two ship models.
 Miss Elizabeth Dawson: Assorted ethnographic material, Niue, Rarotonga, Tokelau, New Hebrides, Papua.
 Mrs Dawson: Lace collar.
 Mr R. Dent: Surface collection from archaeological sites, Motuihe, Waiheke, Waiuku.
 Capt A. E. Deynzer: Collection of 100 specimens of Indo-Pacific molluscs.
 Dominion Museum: Paratypes of *Charopa elliotiae* and *C. marstoni*.
 Mr Eade: Stone adze.
 Mrs East: Two sinkers, eight pieces of clay pipe.
 Mr R. Faulkner: Whalebone *kotiata*.
 Mr J. C. Fenton: Small adze and nine stone flakes.
 Miss H. Frazer: Trinket box, tie pin.
 Mrs B. Freeman: Book, c. 1809.

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- Mrs Gamble and Miss K. J. Gamble: Work-table.
 Mrs A. Grace: Toy flatiron, doll's clothes.
 Mr J. A. Grant-Mackie: Artifacts, North Cape.
 Dr R. C. Green: Sherds, part of neck of large pot, pot handle, Fiji.
 Mrs G. M. Hawkes: Crocheted sovereign purse.
 Mr and Mrs Hayson: Stone adze.
 Mr B. D. Hill: Stone adzes.
 Mr D. Hill: Broken paddle, adze, shot flask.
 Mr O. S. Hintz: Chinese robe.
 Mr G. T. Hopkins: Fishhooks, trolling hooks, Solomon Is.
 Mrs H. C. Holland: Lace evening dress.
 Mrs Holmes: Box camera.
 Mrs R. Horsbrugh: Embroidered dress.
 Dr Hoult: Model Tokelau canoes, Tokelau box, wooden cane, Solomon Is.
 Mrs Howell: Paint brush, paint box.
 Miss F. Hunt: Handwoven tablecloth, handwoven sheet, collection babies' caps, shirts, clothing, three stoneware crocks, stoneware jug, two ginger beer bottles, castor oil bottle, handkerchief box.
 Mr F. A. I. Hunt: Kettle.
 Mrs Jarman: Scent bottle.
 Mr J. Johnson: Stone adze, pieces of hammer stone, small piece of obsidian.
 Sister Ivy Jones: Candlewick tag and feather cloak.
 Mr O. Jordan: Scale model of the Auckland built "Northern Chief", four paintings of sailing ships, framed in ropework, record specially framed of "Thomas W. Lawson".
 Mrs E. S. Keatinge: Mantelpiece and shelf drapes.
 Mr Kelly: Butter churn.
 Mr W. D. Kennedy: Stone adze.
 Mr B. Kewene: Piece of palisade, Mahurangi Heads.
 Mrs J. King: Wedding dress, c. 1912.
 Miss A. Leahy: Adzes, hammer stone, drill point.
 Mrs H. V. Leigh: Uniform jacket, trousers, cap, log book.
 Mrs A. Lewis: Two gas shades, chocolate cigar wrapper.
 Mr A. F. Lindores: Stone adze.
 Mr John Linzey: 70 specimens of mosses.
 Mrs N. Little: Model canoe, Reef Is.
 Mrs Lock: Ship's light.
 Mr R. J. Longden: Proof set British currency, 1969.
 Miss Anne McCafferty: Indian and Eskimo material.
 Miss M. McFarland: M.A. gown and hood of Rev. John Duffus.
 Mr P. D. McIntosh: Broken adze blank.
 Mrs R. McKechnie: Figure carved in pumice.
 Mrs McKenzie: Woollen rug.
 Miss W. M. Mansfield: Collection of coloured fashion plates, c. 1876.
 The Maori Elders, Motutapu Marae: End of raft of meeting house.
 Mrs A. S. D. Marshall: Wedding dress, c. 1898.
 Dr P. Marshall: Staff, club, wooden bowl, clam armlet, stone adze, kahawai lure.
 Dr R. T. Marshall: Stalactite pounder.

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- Mr T. Martin: One specimen of *Tonna haurakiensis*.
 Miss K. Melville: Top hat in leather case, two blouses, dress, dress basket.
 Mrs H. M. Miller: Book, lace veil and wedding dress, shoes, plate camera and accessories, plated teapot, jug and sugar bowl.
 Mrs L. E. Mills: Ethnographic material, Muba, Shilluk, Arab, Dinka, Central Sudan.
 Capt. E. Milroy: Meerschaum pipe.
 Miss A. E. More: Lace fichu, said to have belonged to the Kinder family.
 Mr W. S. Mudgway: Whalebone walking stick, scrimshaw pastry marker.
 Miss K. M. Murray: Fiji club, Ula.
 Mr R. A. Noedl: Set of surgical instruments and hooks, water colour portrait of Surgeon Capt. Noedl, carved plumstone in shape of basket c. 1830, miniature ivory scissors c. 1830.
 Mr A. J. Norman: Two miners' lamps, two firing pins HMNZS Achilles, flatiron, tobacco cutter, household scales and weights, preserving pan.
 Mrs M. J. O'Connor: Whale's tooth, scrimshaw decoration.
 The late Mr K. W. Ogilvie: Maori gourd with delicate carving on lower part of opening.
 Mrs D. C. Parker: Book, "The Pictorial History of the Bible", 1840.
 Mr M. B. Paterson: Small adze, gouge.
 Dr W. H. Pickering: Set of Surveyor VII photographs.
 Mr A. W. Pitts: Stone adzes, New Hanover; stone adzes, stone pestle, Kavieng, New Britain.
 Mrs Raleigh: Turtle shell ring, Samoa.
 Mr Read: Stone adze.
 Mr Peter Read: Adzes.
 Mrs C. Richardson: Black satin dress.
 Miss M. Richardson: Black brocade dolman, c. 1880.
 Mrs G. A. Rix-Trott: Dolman.
 Sir Douglas Robb: Wood samples from the Solomon Islands.
 Masters Ross and Alan Denning: Stone adze.
 Mr J. G. Russell: Bedouin knives, Bedouin ring, Singi Desert, Palestine.
 Mr P. Schoess: Sherds, iron nail.
 Mr W. Searle: Portions of paddle-shaped weeder, digging stick, adze handle, wooden beater.
 Mrs J. Seely: Dervish skirt, medals.
 Mr F. Shepherd: Chinese scales.
 Mr J. R. Sinclair: Bone point of fishing spear.
 Miss A. Souter: Hand-worked table cloths.
 Mrs W. I. Stewart: Stone adzes.
 Mr W. Stokes: Collection of ship medals, scale model of galleon "Revenge".
 Mr L. Tattersfield: Greek lamp.
 Mr A. Taylor: Part of one-piece bone fish hook.
 Mrs W. Fforde Tipping: Collection of baby's clothing.
 Mr J. W. Townsend: Grass skirt, Gilbert Islands.
 Mr A. Trevelyan: Stone scraper and two pieces of aboriginal "chewing gum".
 University of California: 37 garden plants and weeds.
 United States National Arboretum: 81 conifers and garden plants.
 Mr H. L. Wakelin: Bow and arrows, Papua.

- Mrs W. A. Warring: Apron.
 Mr R. Waters: Evening clothes, c. 1860, petticoats, evening clothes.
 Rev. S. W. Webber: Feather box, lace jacket and cap.
 Mr H. Webster: Hafted stone adze, black stone adze.
 Mr H. Werner: Photographs of HMS Nelson.
 Mr E. A. J. White: Harmonium, crosscut saw, wedges and maul.
 Mrs Whyman: Fijian ornaments.
 Miss J. Wilkinson: Stone adze.
 Mr A. T. Williams: Maori carving.
 Mr C. A. Williams: Lace loom and patterns.
 Mr V. Williams: Bone material.
 Mr E. D. Willis: Piece of shaped wood, piece of canoe.
 Mr G. B. Wilson: Bean cutter, grater.
 Miss M. Wright: Jewel case, silver cigarette case, plush workbox, fan, pocket fan, hairpin, watch fob, gold toothpick, pearl buttonhook, two silver buttonhooks, silver scent bottle.
 Mr C. Wormald: Molluscs, Alderman Islands.
 Storm-driven, accidentally killed and caged birds: Mrs M. Alexander, Mr P. F. Baker, Mr B. Barclay, Mr G. Barlon, Mr D. G. Bell, Mr F. Bell, Mrs A. Blundell, Mr W. E. Brown, Mr W. H. Bryham, Mr R. V. J. Clark, Mr A. E. Clarke, Mr F. R. Cometti, Mr R. R. B. Cooke, Mr R. M. Coombes, Mr W. E. Cooper, Mr Crawford, Mr A. G. Crockford, Mrs Davies, Mr M. Davis, Miss A. Dow, Mr D. George, Mrs C. Gray, Mr D. W. Hadden, Mr J. L. Harper, Mr T. Harty, Mr G. Hipkins, Mr W. C. Hobbs, Mrs G. Hole, Mr M. Hone, Mr T. J. Horner, Mr C. Hoye, Mr T. W. D. Hughes, Mr A. Jenkins, Mr J. A. F. Jenkins, Mr R. Johnston, Mr R. Lammers, Mr N. Lees, Mr S. J. Logan, Mr P. W. Mills, Mr W. L. Moisley, Mr J. McClay, Mrs D. McCormick, Mrs T. A. McKay, Mr H. R. McKenzie, Mrs C. J. Oliver, Mr J. Peacock, Mr W. G. Peate, Mr J. Phillips, Mr P. A. Poutu, Mr E. Power, Mrs S. Reed, Mr G. Robinson, Mr J. Short, Mr R. Silvester, Mr J. S. Smith, Mr M. Stirling, Mr S. Street, Mr Thompson, Mrs T. W. Thomson, Mr S. Vaesen, Mrs M. van der Heyden, Waihi Beach School, Wildlife Service, Mr K. Williams, Mr J. Wisnesky, Mr J. Youngman.

Staff Publications

April 1969 to March 1970

Scientific

- CERNOHORSKY, W. O.
 1969 The Muricidae of Fiji. Part II — Subfamily Thaidinae. *The Veliger* 11(4): 293-315.
 1969 Type specimens of Mitridae (Mollusca: Gastropoda) described by Linnaeus in the genera *Voluta*, *Buccinum* and *Bulla* between 1758 and 1771. *J. Linn. Soc. Lond. Zool.* 48: 351-362.
 1969 The taxonomy of Hawaiian and Indo-Pacific Mitridae (Part I). *Hawaiian Shell News* 17(12): 1.
 1969 An objection to the suppression of *Buccinum pustulosum* (Lightfoot, 1786) (Gastropoda), and a proposed addition of *Buccinum pustulosum* to the Official List of Specific Names in Zoology. *Z.N.(S.)* 1842. *Bull. zool. Nomencl.* 26(2):66.
 1970 New Mitridae and Volutomitridae. *The Nautilus* 83(3): 95-104.

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- 1970 The types of the Lamarck collection in the Museum d'Histoire Naturelle in Geneva. Recent Mollusca of the genera *Mitra*, *Columbella* (part) and *Cancellaria* (part). *Rev. Suisse Zool.* 76(50): 953-994.
- 1970 The littoral marine Molluscs of Niue Island. *Rec. Auckland Inst. Mus.* 7: 175-186.
- 1970 The taxonomy of some Austral-Neozelanic Cymatiidae (Mollusca: Gastropoda). *Rec. Auckland Inst. Mus.* 7: 187-191.
- COOPER, R. C.
1970 John Edgerley, Botanist, in New Zealand. *Rec. Auckland Inst. Mus.* 7: 123-136.
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General

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AIM Ann Report
1969 to 1970

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT for the Year Ended 31st March, 1970

EXPENDITURE			INCOME		
	1970	1969		1970	1969
	\$	\$		\$	\$
Salaries and Wages	102,766	99,959	Contributions from Local Authorities —		
Superannuation	2,873	3,060	Metropolitan and Provincial		
	105,639	103,019	Statutory	139,500	123,000
Administration Expenses —			Provincial Voluntary	4,477	4,852
Audit Fee	277	259		143,977	127,852
Cleaning Materials, Laundry and					
Custodial	1,349	1,110	Subscriptions —		
Councillors' Travelling	118	121	Life Members'	520	280
Freight and Cartage	51	31	Annual	4,447	4,450
General	1,102	1,584		4,967	4,730
Heating, Lighting and Water	3,950	4,355			
Insurance	1,811	1,600	Donations —		
Postages, Telephones, Intercom.	2,264	2,027	Donation Box	1,491	1,486
Printing and Stationery	2,823	1,242	Special	103	195
Rates — Auckland City Council	18,910	—		1,594	1,681
Staff Removal	—	1,211			
Travelling	805	733	Interest —		
	33,470	14,273	Trusts	1,482	1,482
Preservation and Display —			General Endowments	1,640	1,628
Preservation Materials	842	1,005	Local Authority and Govt. Stock	—	54
Preparation and Taxidermy	690	978	Term Deposit, Bank N.Z.	2,838	2,341
Extension Service	1,522	1,786	Rent and Interest, Receiver of		
Special Exhibitions	257	1,495	Land Revenue	—	27
Photography	394	496		5,960	5,532
Cook Expedition	623	—			
	4,328	5,760			
Institute —					
Expenses	1,763	2,014			
Subscriptions written off	420	234			
	2,183	2,248			

Repairs and Maintenance —				Income from Sales and Services —			
Building	3,934		5,585	Coffee Lounge, Net	2,112		633
Building transferred to Building Maintenance Provision	—		3,000	Information Desk	—		2,007
Electrical Fittings	1,006		719	Planetarium	1,267		1,247
Showcases and Furniture	3,081		393	Lecture Hall and Auditorium	130		—
Equipment and General	635		455	Guided Tours	247		286
Specimens	51		150	Publications	1,139		1,574
		8,707	10,302			4,895	5,747
Unauthorised Expenditure —							
Entertainment of guests, etc		263	298				
Information Desk, net		269	—				
Balance transferred to Appropriation Account		6,534	9,642				
		<u>\$161,393</u>	<u>\$145,542</u>			<u>\$161,393</u>	<u>\$145,542</u>

APPROPRIATION ACCOUNT
For the Year Ended 31st March, 1970

	1970	1969		1970	1969
	\$	\$		\$	\$
Capital Expenditure from Revenue	6,330	8,509	Balance as at 1st April	1,545	2,263
Capital Expenditure from Reserves	8,215	9,951	Balance from Income and Expenditure A/c	6,534	9,642
Capital Expenditure from Trusts	509	97	Transfer from Auckland Savings Bank Grant	962	2,091
Life Members' Subscription Endowment	520	280	" " L. J. Ayre Philately	91	97
Publications Reserve	1,139	1,574	" " Sir John Logan Campbell Trust	620	6,938
Loss on Sale of Investments	11	—	" " W. H. Cocker — Showcase	238	—
Transfer to Reserve for Building Additions	1,000	—	" " J. C. Entrican — Numismatics	10	—
			" " Sir Cecil Leys — Specimens	395	—
			" " Mackechnie Library Bequest	408	—
			" " Dixon Stroud Fund	72	—
			" " M. H. G. de Courcy Bequest	1,000	—
			" " Specimen Purchase Fund	5,928	921
			Profit from Sale of Investments	—	4
Balance carried down	79	1,545			
	<u>\$17,803</u>	<u>\$21,956</u>		<u>\$17,803</u>	<u>\$21,956</u>

STATEMENT OF TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/69	Income Balance 1/4/69		Interest	Other Receipts	Total Income	Payments	Detail	Income Balance 31/3/70		Capital Balance 31/3/70	Total Balance
		Dr	Cr						Dr	Cr		
TRUSTS												
Accumulating Endowment	1,606.78			84.36		84.36					1,691.14	1,691.14
H. G. Atkinson — Research	1,478.48		415.07	77.62		492.69				492.69	1,478.48	1,971.17
L. J. Ayre — Philately	1,777.92		13.97	93.34		107.31	91.30	Appn. A/c.		16.01	1,777.92	1,793.93
J. C. Entrican — Numismatics	2,000.00		681.72	105.00		785.72	9.57	Appn. A/c.		777.15	2,000.00	2,777.15
Mackechnie — Library	4,000.00		630.08	210.00		900.08	408.42	Appn. A/c.		491.66	4,000.00	4,491.66
Janet McLennan — School Service	2,000.00		385.00	105.00		490.00				490.00	2,000.00	2,490.00
Mitchelson Prize	400.00		102.81	21.00		123.81				123.81	400.00	523.81
Museum Endowment	28,232.44		—	1,482.20		1,482.20	1,482.20	I & E A/c.		—	28,232.44	28,232.44
Pond Cheeseman Bequest — Commemoration Prize	290.00		81.36	15.23		96.59				96.59	290.00	385.59
Sir Carrick Robertson — Research	1,200.00		351.72	63.00		414.72	83.14	I & E A/c.		331.58	1,200.00	1,531.58
Edward Earle Vaile — Ethnology, Library	243,075.35		3,032.99	9,775.37	12,100.41	24,908.77	21,429.18	Vaile A/c.				
Bertha Wilson — Cinematography	4,000.00		1,556.36	210.00		2,033.50				3,479.59	245,108.85	248,588.44
Bertha Wilson — Photography	2,000.00		285.92	105.00		1,766.36				1,766.36	4,000.00	5,766.36
						390.92				390.92	2,000.00	2,390.92
	292,060.97		7,597.00	12,347.12	14,133.91	34,078.03	23,503.81			8,456.36	294,178.83	302,635.19
GENERAL ENDOWMENTS												
Costley Bequest	15,400.00			770.00		770.00	770.00	I & E A/c.			15,400.00	15,400.00
M. H. G. de Courcy Bequest	1,000.00			50.00		50.00	50.00	I & E A/c.			—	—
							1,000.00	Appn. A/c.			—	—
Houghton Bequest	1,047.56			52.38		52.38	52.38	I & E A/c.			1,047.56	1,047.56
Life Members' Subscriptions	15,636.64			767.83	520.00	1,287.83	767.83	I & E A/c.			16,156.64	16,156.64
	33,084.20			1,640.21	520.00	2,160.21	2,640.21				32,604.20	32,604.20

RESERVES, GIFTS, GRANTS AND PROVISIONS										
Auckland Crete Veterans' Association — Showcase	41.40		1.45		1.45				42.85	42.85
Auckland Savings Bank — Exhibition Halls, Research				1,000.00	1,000.00	38.00	I & E A/c.			
Building Maintenance	23,557.60		824.52		824.52	932.00	Appn. A/c.	24,382.12	24,382.12	
Sir John Logan Campbell Trust — Exhibition Halls				2,000.00	2,000.00	620.21	Appn. A/c.	1,379.79	1,379.79	
Clinch — Photographic Equipment	1,018.59		35.65		35.65			1,054.24	1,054.24	
Cocker — Showcase	229.50		8.03		8.03	237.53	Appn. A/c.			
Depreciation of Investments	1,057.82		37.02		37.02					
Depreciation of Coffee Lounge Assets	3,056.28		106.97	1,143.28	1,250.25	361.88	C L A/c.	1,094.84	1,094.84	
Depreciation of Motor Vehicle	1,756.61		61.48	600.00	661.48			3,944.65	3,944.65	
Educational Publications	2,859.50		100.08		100.08			2,418.09	2,418.09	
Ellis — Ethnographic Specimens	229.50		8.03		8.03			2,959.58	2,959.58	
Horton — Geology	265.38		9.28		9.28			237.53	237.53	
Humphrey-Davies — Catalogues	1,355.01		47.42		47.42			274.66	274.66	
Leys — Ethnographic Specimens	2,295.04		80.33		80.33	395.00	Appn. A/c.	1,402.43	1,402.43	
Memorial Halls	5,770.00		201.95	39.16	241.11			1,980.37	1,980.37	
Nuffield Grant	1,763.82		61.73		61.73	166.06	I & E A/c.	6,011.11	6,011.11	
Oceanographic Grant	214.89		7.52		7.52			1,659.49	1,659.49	
Publications Reserve	14,147.97		495.18	1,138.90	1,634.08		Appn. A/c.	222.41	222.41	
Reserve for Building Additions	2,500.00		87.50	6,257.48	6,344.98			15,782.05	15,782.05	
Showcase for White's China	29.68		1.04		1.04			8,844.98	8,844.98	
Special Visitors' Fund	573.76		20.08		20.08			30.72	30.72	
Specimen Purchase	1,642.08		57.47	8,041.07	8,098.54	5,928.23	Appn. A/c.	593.84	593.84	
Stroud Fund					444.48	72.01	Appn. A/c.	3,812.39	3,812.39	
Sword Purchase	11.44		0.40	444.48	0.40			372.47	372.47	
Vaile Obsolescence Fund	13,499.71		472.49	400.00	872.49		Vaile A/c.	11.84	11.84	
								14,372.20	14,372.20	
	77,875.58		2,725.62	21,064.37	23,789.99	8,780.92		92,884.65	92,884.65	

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(A summary of this account is included in the Statement of Trusts)

	1970	1969		1970	1969
	\$	\$		\$	\$
Capital Expenditure —			Rents Received —	12,100	11,266
Collections	2,125	4,776	Less Expenses —		
Equipment	—	142	Commission	640	598
Library	7,321	8,126	Insurance	673	495
			Rates	1,023	945
	9,446	13,044	Repairs and Maintenance	3,087	3,786
Archaeology —				5,423	5,824
Salary, Wages & Superannuation	4,247	3,962	Net Rents —	6,677	5,442
Specimen Preservation	2	112	Interest —		
Travelling and Field Expense	802	594	Term Deposit, B.N.Z.	948	1,846
Cook Expedition	612	—	Local Authority Stock	770	770
Sundry	—	6	N.Z. Government Stock	570	550
	5,663	4,674	Trust Companies	7,256	5,467
			Mortgage and Dividend	232	274
Legal Fee	—	342		9,776	8,907
Valuation	25	—			
Transfer to Obsolescence Fund	400	400			
Interest on Obsolescence Fund	472	443			
	897	1,185			
Balance carried down	3,480	3,033	Balance brought down	3,033	7,587
	\$19,486	\$21,936		\$19,486	\$21,936

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